Einführung in Linux/UNIX – Anhang

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Dies ist ein Skriptum. Es ist unvollständig und enthält Fehler.

Geschützte Namen wie UNIX oder PostScript sind nicht gekennzeichnet.

Geschrieben mit dem Texteditor `vi`, formatiert mit LaTeX unter Debian GNU/Linux.

Die Skripten liegen unter folgenden URLs zum Herunterladen bereit:

`http://www.alex-weingarten.de/skripten/`
`http://www.abklex.de/skripten/`

Besuchen Sie auch die Seiten zu meinen Büchern:

`http://www.alex-weingarten.de/debian/`
`http://www.abklex.de/debian/`

Von dem Skriptum gibt es neben der Normalausgabe eine Ausgabe in kleinerer Schrift (9 Punkte), in großer Schrift (14 Punkte) sowie eine Textausgabe für Leseprogramme (Screenreader).

There is an old system called UNIX,
suspected by many to do nix,
but in fact it does more
than all systems before,
and comprises astonishing uniques.

Vorwort

Die Skripten richten sich an Leser mit wenigen Vorkenntnissen in der Elektronischen Datenverarbeitung; sie sollen – wie FRITZ REUTERS *Urgeschicht von Meckelnborg* – ok för Schaulkinner tau bruken sin. Für die wissenschaftliche Welt zitiere ich aus dem Vorwort zu einem Buch des Mathematikers RICHARD COURANT: *Das Buch wendet sich an einen weiten Kreis: an Schüler und Lehrer, an Anfänger und Gelehrte, an Philosophen und Ingenieure.* Das Lernziel ist eine Vertrautheit mit Betriebssystemen der Gattung UNIX einschließlich Linux, der Programmiersprache C/C++ und dem weltumspannenden Internet, die so weit reicht, dass der Leser mit der Praxis beginnen und sich selbständig weiterbilden kann. Ausgelernt hat man nie.

Zusammen bildeten die Skripten die Grundlage für das Buch *UNIX. C und Internet*, im Jahr 1999 in zweiter Auflage im Springer-Verlag erschienen (ISBN 3-540-65429-1). Das Buch ist vergriffen und wird auch nicht weiter gepflegt, da ich mich auf Debian GNU/Linux konzentriere. Meine Debian-Bücher (ISBN 3-540-43267-1 und 3-540-23786-0) sind ebenfalls bei Springer erschienen, aber nicht im Netz veröffentlicht. Die Skripten dagegen bleiben weiterhin im Netz verfügbar und werden bei Gelegenheit immer wieder überarbeitet.

Warum ein Linux/UNIX? Die Betriebssysteme der Gattung UNIX laufen auf einer Vielzahl von Computertypen. Unter den verbreiteten Betriebssystemen sind sie die ältesten und ausgereift. Die UNIXe haben sich lange ohne kommerzielle Einflüsse entwickelt und tun das teilweise heute noch, siehe Linux, FreeBSD, NetBSD, OpenBSD und andere. Programmierer, nicht das Marketing, haben die Ziele gesetzt. Die UNIXe haben von Anfang an gemischte Hardware und die Zusammenarbeit mehrerer Benutzer unterstützt. In Verbindung mit dem X Window

System, einem netzfähigen Fenstersystem, sind die UNIXe unter den Betriebssystemen mittlerer Größe die leistungsfähigsten. Linux/UNIX-Rechner waren von Anbeginn im Internet dabei und haben seine Entwicklung bestimmt.

Warum C/C++? Die universelle Programmiersprache C mit ihrer mächtigen Erweiterung C++ ist – im Vergleich zu BASIC etwa – ziemlich einheitlich. Der Anfang ist leicht, an die Grenzen stoßen wenige Benutzer. Das Zusammenspiel zwischen C/C++-Programmen und Linux/UNIX funktioniert reibungslos.

Warum das Internet? Das Internet ist das größte Computernetz dieser Erde, ein Zusammenschluss vieler regionaler Netze. Ursprünglich auf Hochschulen und Behörden beschränkt, sind mittlerweile auch Industrie, Handel und Privatpersonen beteiligt. Unser berufliches Leben und zunehmend unser privates Dasein werden vom Internet berührt. Eine Email-Anschrift ist so wichtig geworden wie ein Telefonanschluss. Als Informationsquelle ist das Netz unentbehrlich.

Bei der Stoffauswahl habe ich mich von meiner Arbeit als Benutzer, Verwalter und Programmierer leiten lassen. Besonderer Wert wird auf die Erläuterung der zahlreichen Fachbegriffe gelegt, die dem Anfänger das Leben erschweren. Die typische Frage, vor der auch ich immer wieder stehe, lautet: *Was ist XYZ und wozu kann man es gebrauchen?* Hinsichtlich vieler Einzelheiten verweise ich auf die Referenz-Handbücher zu den Rechenanlagen und Programmiersprachen oder auf Monografien, um den Text nicht über die Maßen aufzublähen; er ist ein Kompromiss aus Breite und Tiefe. *Alles über UNIX, C und das Internet* ist kein Buch, sondern ein Bücherschrank.

An einigen Stellen gehe ich außer auf das Wie auch auf das Warum ein. Von Zeit zu Zeit sollte man den Blick weg von den Wellen auf das Meer richten, sonst erwirbt man nur kurzlebiges Wissen.

Man kann den Gebrauch eines Betriebssystems, einer Programmiersprache oder der Netzdienste nicht allein aus Büchern erlernen – das ist wie beim Klavierspielen oder Kuchenbacken. Die Beispiele und Übungen wurden auf einer Hewlett-Packard 9000/712 unter HP-UX 10.20 und einem PC der Marke *Weingartener Katzenberg Auslese* unter Debian GNU/Linux entwickelt. Als Shell wurden Bourne-Abkömmlinge bevorzugt, als Compiler wurde neben dem von Hewlett-Packard der GNU gcc verwendet. Die vollständigen Quellen der Beispiele stehen im Netz.

Dem Text liegen eigene Erfahrungen aus fünf Jahrzehnten zugrunde. Seine Wurzeln gehen zurück auf eine *Erste Hilfe für Benutzer der Hewlett-Packard 9000 Modell 550 unter HP-UX*, im Jahr 1986 aus zwanzig Aktenordnern destilliert, die die Maschine begleiteten. Gegenwärtig verschiebt sich der Schwerpunkt in Richtung Debian GNU/Linux. Ich habe auch fremde Hilfe beansprucht und danke Kollegen in den Universitäten Karlsruhe und Lyon sowie Mitarbeitern der Firmen IBM und Hewlett-Packard für schriftliche Unterlagen und mündlichen Rat sowie zahlreichen Studenten für Anregungen und Diskussionen. Darüber hinaus habe ich fleißig das Internet angezapft und viele dort umlaufende Guides, Primers, HOWTOs, Tutorials und Sammlungen von Frequently Asked Questions (FAQs) verwendet.

Weingarten (Baden), 15. Februar 2006 Wulf Alex

Inhalt

> ... aber die Daten fehlen, um den ganzen
> Nonsens richtig zu überblicken –
> Benn, Drei alte Männer

A Zahlensysteme

Außer dem **Dezimalsystem** sind das **Dual-**, das **Oktal-** und das **Hexadezimalsystem** gebräuchlich. Ferner spielt das **Binär codierte Dezimalsystem (BCD)** bei manchen Anwendungen eine Rolle. Bei diesem sind die einzelnen Dezimalstellen für sich dual dargestellt. Die folgende Tabelle enthält die Werte von 0 bis dezimal 255. Bequemlichkeitshalber sind auch die zugeordneten ASCII-Zeichen aufgeführt.

dezimal	dual	oktal	hex	BCD	ASCII
0	0	0	0	0	nul
1	1	1	1	1	soh
2	10	2	2	10	stx
3	11	3	3	11	etx
4	100	4	4	100	eot
5	101	5	5	101	enq
6	110	6	6	110	ack
7	111	7	7	111	bel
8	1000	10	8	1000	bs
9	1001	11	9	1001	ht
10	1010	12	a	1.0	lf
11	101	13	b	1.1	vt
12	1100	14	c	1.10	ff
13	1101	15	d	1.11	cr
14	1110	16	e	1.100	so
15	1111	17	f	1.101	si
16	10000	20	10	1.110	dle
17	10001	21	11	1.111	dc1
18	10010	22	12	1.1000	dc2
19	10011	23	13	1.1001	dc3
20	10100	24	14	10.0	dc4
21	10101	25	15	10.1	nak
22	10110	26	16	10.10	syn

23	10111	27	17	10.11	etb
24	11000	30	18	10.100	can
25	11001	31	19	10.101	em
26	11010	32	1a	10.110	sub
27	11011	33	1b	10.111	esc
28	11100	34	1c	10.1000	fs
29	11101	35	1d	10.1001	gs
30	11110	36	1e	11.0	rs
31	11111	37	1f	11.1	us
32	100000	40	20	11.10	space
33	100001	41	21	11.11	!
34	100010	42	22	11.100	”
35	100011	43	23	11.101	#
36	100100	44	24	11.110	$
37	100101	45	25	11.111	%
38	100110	46	26	11.1000	&
39	100111	47	27	11.1001	’
40	101000	50	28	100.0	(
41	101001	51	29	100.1	)
42	101010	52	2a	100.10	*
43	101011	53	2b	100.11	+
44	101100	54	2c	100.100	,
45	101101	55	2d	100.101	-
46	101110	56	2e	100.110	.
47	101111	57	2f	100.111	/
48	110000	60	30	100.1000	0
49	110001	61	31	100.1001	1
50	110010	62	32	101.0	2
51	110011	63	33	101.1	3
52	110100	64	34	101.10	4
53	110101	65	35	101.11	5
54	110110	66	36	101.100	6
55	110111	67	37	101.101	7
56	111000	70	38	101.110	8
57	111001	71	39	101.111	9
58	111010	72	3a	101.1000	:
59	111011	73	3b	101.1001	;
60	111100	74	3c	110.0	<
61	111101	75	3d	110.1	=
62	111110	76	3e	110.10	>

63	111111	77	3f	110.11	?
64	1000000	100	40	110.100	@
65	1000001	101	41	110.101	A
66	1000010	102	42	110.110	B
67	1000011	103	43	110.111	C
68	1000100	104	44	110.1000	D
69	1000101	105	45	110.1001	E
70	1000110	106	46	111.0	F
71	1000111	107	47	111.1	G
72	1001000	110	48	111.10	H
73	1001001	111	49	111.11	I
74	1001010	112	4a	111.100	J
75	1001011	113	4b	111.101	K
76	1001100	114	4c	111.110	L
77	1001101	115	4d	111.111	M
78	1001110	116	4e	111.1000	N
79	1001111	117	4f	111.1001	O
80	1010000	120	50	1000.0	P
81	1010001	121	51	1000.1	Q
82	1010010	122	52	1000.10	R
83	1010011	123	53	1000.11	S
84	1010100	124	54	1000.100	T
85	1010101	125	55	1000.101	U
86	1010110	126	56	1000.110	V
87	1010111	127	57	1000.111	W
88	1011000	130	58	1000.1000	X
89	1011001	131	59	1000.1001	Y
90	1011010	132	5a	1001.0	Z
91	1011011	133	5b	1001.1	[
92	1011100	134	5c	1001.10	\
93	1011101	135	5d	1001.11	]
94	1011110	136	5e	1001.100	^
95	1011111	137	5f	1001.101	_
96	1100000	140	60	1001.110	‘
97	1100001	141	61	1001.111	a
98	1100010	142	62	1001.1000	b
99	1100011	143	63	1001.1001	c
100	1100100	144	64	1.0.0	d
101	1100101	145	65	1.0.1	e
102	1100110	146	66	1.0.10	f

103	1100111	147	67	1.0.11	g
104	1101000	150	68	1.0.100	h
105	1101001	151	69	1.0.101	i
106	1101010	152	6a	1.0.110	j
107	1101011	153	6b	1.0.111	k
108	1101100	154	6c	1.0.1000	l
109	1101101	155	6d	1.0.1001	m
110	1101110	156	6e	1.1.0	n
111	1101111	157	6f	1.1.1	o
112	1110000	160	70	1.1.10	p
113	1110001	161	71	1.1.11	q
114	1110010	162	72	1.1.100	r
115	1110011	163	73	1.1.101	s
116	1110100	164	74	1.1.110	t
117	1110101	165	75	1.1.111	u
118	1110110	166	76	1.1.1000	v
119	1110111	167	77	1.1.1001	w
120	1111000	170	78	1.10.0	x
121	1111001	171	79	1.10.1	y
122	1111010	172	7a	1.10.10	z
123	1111011	173	7b	1.10.11	{
124	1111100	174	7c	1.10.100	|
125	1111101	175	7d	1.10.101	}
126	1111110	176	7e	1.10.110	~
127	1111111	177	7f	1.10.111	del
128	10000000	200	80	1.10.1000	
129	10000001	201	81	1.10.1001	
130	10000010	202	82	1.11.0	
131	10000011	203	83	1.11.1	
132	10000100	204	84	1.11.10	
133	10000101	205	85	1.11.11	
134	10000110	206	86	1.11.100	
135	10000111	207	87	1.11.101	
136	10001000	210	88	1.11.110	
137	10001001	211	89	1.11.111	
138	10001010	212	8a	1.11.1000	
139	10001011	213	8b	1.11.1001	
140	10001100	214	8c	1.100.0	
141	10001101	215	8d	1.100.1	
142	10001110	216	8e	1.100.10	

143	10001111	217	8f	1.100.11
144	10010000	220	90	1.100.100
145	10010001	221	91	1.100.101
146	10010010	222	92	1.100.110
147	10010011	223	93	1.100.111
148	10010100	224	94	1.100.1000
149	10010101	225	95	1.100.1001
150	10010110	226	96	1.101.0
151	10010111	227	97	1.101.1
152	10011000	230	98	1.101.10
153	10011001	231	99	1.101.11
154	10011010	232	9a	1.101.100
155	10011011	233	9b	1.101.101
156	10011100	234	9c	1.101.110
157	10011101	235	9d	1.101.111
158	10011110	236	9e	1.101.1000
159	10011111	237	9f	1.101.1001
160	10100000	240	a0	1.110.0
161	10100001	241	a1	1.110.1
162	10100010	242	a2	1.110.10
163	10100011	243	a3	1.110.11
164	10100100	244	a4	1.110.100
165	10100101	245	a5	1.110.101
166	10100110	246	a6	1.110.110
167	10100111	247	a7	1.110.111
168	10101000	250	a8	1.110.1000
169	10101001	251	a9	1.110.1001
170	10101010	252	aa	1.111.0
171	10101011	253	ab	1.111.1
172	10101100	254	ac	1.111.10
173	10101101	255	ad	1.111.11
174	10101110	256	ae	1.111.100
175	10101111	257	af	1.111.101
176	10110000	260	b0	1.111.110
177	10110001	261	b1	1.111.111
178	10110010	262	b2	1.111.1000
179	10110011	263	b3	1.111.1001
180	10110100	264	b4	1.1000.0
181	10110101	265	b5	1.1000.1
182	10110110	266	b6	1.1000.10

183	10110111	267	b7	1.1000.11
184	10111000	270	b8	1.1000.100
185	10111001	271	b9	1.1000.101
186	10111010	272	ba	1.1000.110
187	10111011	273	bb	1.1000.111
188	10111100	274	bc	1.1000.1000
189	10111101	275	bd	1.1000.1001
190	10111110	276	be	1.1001.0
191	10111111	277	bf	1.1001.1
192	11000000	300	c0	1.1001.10
193	11000001	301	c1	1.1001.11
194	11000010	302	c2	1.1001.100
195	11000011	303	c3	1.1001.101
196	11000100	304	c4	1.1001.110
197	11000101	305	c5	1.1001.111
198	11000110	306	c6	1.1001.1000
199	11000111	307	c7	1.1001.1001
200	11001000	310	c8	10.0.0
201	11001001	311	c9	10.0.1
202	11001010	312	ca	10.0.10
203	11001011	313	cb	10.0.11
204	11001100	314	cc	10.0.100
205	11001101	315	cd	10.0.101
206	11001110	316	ce	10.0.110
207	11001111	317	cf	10.0.111
208	11010000	320	d0	10.0.1000
209	11010001	321	d1	10.0.1001
210	11010010	322	d2	10.1.0
211	11010011	323	d3	10.1.1
212	11010100	324	d4	10.1.10
213	11010101	325	d5	10.1.11
214	11010110	326	d6	10.1.100
215	11010111	327	d7	10.1.101
216	11011000	330	d8	10.1.110
217	11011001	331	d9	10.1.111
218	11011010	332	da	10.1.1000
219	11011011	333	db	10.1.1001
220	11011100	334	dc	10.10.0
221	11011101	335	dd	10.10.1
222	11011110	336	de	10.10.10

223	11011111	337	df	10.10.11
224	11100000	340	e0	10.10.100
225	11100001	341	e1	10.10.101
226	11100010	342	e2	10.10.110
227	11100011	343	e3	10.10.111
228	11100100	344	e4	10.10.1000
229	11100101	345	e5	10.10.1001
230	11100110	346	e6	10.11.0
231	11100111	347	e7	10.11.1
232	11101000	350	e8	10.11.10
233	11101001	351	e9	10.11.11
234	11101010	352	ea	10.11.100
235	11101011	353	eb	10.11.101
236	11101100	354	ec	10.11.110
237	11101101	355	ed	10.11.111
238	11101110	356	ee	10.11.1000
239	11101111	357	ef	10.11.1001
240	11110000	360	f0	10.100.0
241	11110001	361	f1	10.100.1
242	11110010	362	f2	10.100.10
243	11110011	363	f3	10.100.11
244	11110100	364	f4	10.100.100
245	11110101	365	f5	10.100.101
246	11110110	366	f6	10.100.110
247	11110111	367	f7	10.100.111
248	11111000	370	f8	10.100.1000
249	11111001	371	f9	10.100.1001
250	11111010	372	fa	10.101.0
251	11111011	373	fb	10.101.1
252	11111100	374	fc	10.101.10
253	11111101	375	fd	10.101.11
254	11111110	376	fe	10.101.100
255	11111111	377	ff	10.101.101

B Zeichensätze und Sondertasten

B.1 EBCDIC, ASCII, Roman8, IBM-PC

Die Zeichensätze sind in den Ein- und Ausgabegeräten (Terminal, Drucker) gespeicherte Tabellen, die die Zeichen in Zahlen und zurück umsetzen.

dezimal	oktal	EBCDIC	ASCII-7	Roman8	IBM-PC
0	0	nul	nul	nul	nul
1	1	soh	soh	soh	Grafik
2	2	stx	stx	stx	Grafik
3	3	etx	etx	etx	Grafik
4	4	pf	eot	eot	Grafik
5	5	ht	enq	enq	Grafik
6	6	lc	ack	ack	Grafik
7	7	del	bel	bel	bel
8	10		bs	bs	Grafik
9	11	rlf	ht	ht	ht
10	12	smm	lf	lf	lf
11	13	vt	vt	vt	home
12	14	ff	ff	ff	ff
13	15	cr	cr	cr	cr
14	16	so	so	so	Grafik
15	17	si	si	si	Grafik
16	20	dle	dle	dle	Grafik
17	21	dc1	dc1	dc1	Grafik
18	22	dc2	dc2	dc2	Grafik
19	23	dc3	dc3	dc3	Grafik
20	24	res	dc4	dc4	Grafik
21	25	nl	nak	nak	Grafik
22	26	bs	syn	syn	Grafik
23	27	il	etb	etb	Grafik
24	30	can	can	can	Grafik

25	31	em	em	em	Grafik
26	32	cc	sub	sub	Grafik
27	33		esc	esc	Grafik
28	34	ifs	fs	fs	cur right
29	35	igs	gs	gs	cur left
30	36	irs	rs	rs	cur up
31	37	ius	us	us	cur down
32	40	ds	space	space	space
33	41	sos	!	!	!
34	42	fs	”	”	”
35	43		#	#	#
36	44	byp	$	$	$
37	45	lf	%	%	%
38	46	etb	&	&	&
39	47	esc	’	’	’
40	50		(	(	(
41	51		)	)	)
42	52	sm	*	*	*
43	53		+	+	+
44	54		,	,	,
45	55	enq	-	-	-
46	56	ack	.	.	.
47	57	bel	/	/	/
48	60		0	0	0
49	61		1	1	1
50	62	syn	2	2	2
51	63		3	3	3
52	64	pn	4	4	4
53	65	rs	5	5	5
54	66	uc	6	6	6
55	67	eot	7	7	7
56	70		8	8	8
57	71		9	9	9
58	72		:	:	:
59	73		;	;	;
60	74	dc4	<	<	<
61	75	nak	=	=	=
62	76		>	>	>
63	77	sub	?	?	?
64	100	space	@	@	@

65	101		A	A	A
66	102	â	B	B	B
67	103	ä	C	C	C
68	104	à	D	D	D
69	105	á	E	E	E
70	106	ã	F	F	F
71	107	å	G	G	G
72	110	ç	H	H	H
73	111	ñ	I	I	I
74	112	[	J	J	J
75	113	.	K	K	K
76	114	<	L	L	L
77	115	(	M	M	M
78	116	+	N	N	N
79	117	!	O	O	O
80	120	&	P	P	P
81	121	é	Q	Q	Q
82	122	ê	R	R	R
83	123	ë	S	S	S
84	124	è	T	T	T
85	125	í	U	U	U
86	126	î	V	V	V
87	127	ï	W	W	W
88	130	ì	X	X	X
89	131	ß	Y	Y	Y
90	132	]	Z	Z	Z
91	133	$	[	[	[
92	134	*	\	\	\
93	135	)	]	]	]
94	136	;	^	^	^
95	137	^	_	_	_
96	140	–	‘	‘	‘
97	141	/	a	a	a
98	142	Â	b	b	b
99	143	Ä	c	c	c
100	144	À	d	d	d
101	145	Á	e	e	e
102	146	Ã	f	f	f
103	147	Å	g	g	g

104	150	Ç	h	h	h
105	151	Ñ	i	i	i
106	152	|	j	j	j
107	153	,	k	k	k
108	154	%	l	l	l
109	155	_	m	m	m
110	156	>	n	n	n
111	157	?	o	o	o
112	160	ø	p	p	p
113	161	É	q	q	q
114	162	Ê	r	r	r
115	163	Ë	s	s	s
116	164	È	t	t	t
117	165	Í	u	u	u
118	166	Î	v	v	v
119	167	Ï	w	w	w
120	170	Ì	x	x	x
121	171	‘	y	y	y
122	172	:	z	z	z
123	173	#	{	{	{
124	174	@	|	|	|
125	175	’	}	}	}
126	176	=	~	~	~
127	177	”	del	del	Grafik
128	200	Ø			Ç
129	201	a			ü
130	202	b			é
131	203	c			â
132	204	d			ä
133	205	e			à
134	206	f			å
135	207	g			ç
136	210	h			ê
137	211	i			ë
138	212	≪			è
139	213	≫			ı
140	214				î
141	215	ý			ì
142	216				Ä

143	217	±		Å
144	220			É
145	221	j		œ
146	222	k		Æ
147	223	l		ô
148	224	m		ö
149	225	n		ò
150	226	o		û
151	227	p		ù
152	230	q		y
153	231	r		Ö
154	232	a̲		Ü
155	233	o̲		
156	234	æ		£
157	235	–		Yen
158	236	Æ		Pt
159	237			*f*
160	240	μ		á
161	241	$\sim$	À	í
162	242	s	Â	ó
163	243	t	È	ú
164	244	u	Ê	ñ
165	245	v	Ë	Ñ
166	246	w	Î	a̲
167	247	x	Ï	o̲
168	250	y	’	¿
169	251	z	‘	Grafik
170	252	¡	^	Grafik
171	253	¿		1/2
172	254		~	1/4
173	255	Ý	Ù	¡
174	256		Û	$\ll$
175	257			$\gg$
176	260			Grafik
177	261	£		Grafik
178	262	Yen		Grafik
179	263		○	Grafik
180	264	*f*	Ç	Grafik
181	265	§	ç	Grafik

182	266	¶	Ñ	Grafik
183	267		ñ	Grafik
184	270		¡	Grafik
185	271		¿	Grafik
186	272			Grafik
187	273	|	£	Grafik
188	274	–	Yen	Grafik
189	275		§	Grafik
190	276		f	Grafik
191	277	=		Grafik
192	300	{	â	Grafik
193	301	A	ê	Grafik
194	302	B	ô	Grafik
195	303	C	û	Grafik
196	304	D	á	Grafik
197	305	E	é	Grafik
198	306	F	ó	Grafik
199	307	G	ú	Grafik
200	310	H	à	Grafik
201	311	I	è	Grafik
202	312		ò	Grafik
203	313	ô	ù	Grafik
204	314	ö	ä	Grafik
205	315	ò	ë	Grafik
206	316	ó	ö	Grafik
207	317	õ	ü	Grafik
208	320	}	Å	Grafik
209	321	J	î	Grafik
210	322	K	Ø	Grafik
211	323	L	Æ	Grafik
212	324	M	å	Grafik
213	325	N	í	Grafik
214	326	O	ø	Grafik
215	327	P	æ	Grafik
216	330	Q	Ä	Grafik
217	331	R	ì	Grafik
218	332		Ö	Grafik
219	333	û	Ü	Grafik
220	334	ü	É	Grafik

221	335	ù	ı	Grafik
222	336	ú	ß	Grafik
223	337	y	Ô	Grafik
224	340	\	Á	α
225	341		Ã	β
226	342	S	ã	Γ
227	343	T		π
228	344	U		Σ
229	345	V	Í	σ
230	346	W	Ì	μ
231	347	X	Ó	τ
232	350	Y	Ò	Φ
233	351	Z	Õ	θ
234	352		õ	Ω
235	353	Ô	Š	δ
236	354	Ö	š	∞
237	355	Ò	Ú	Ø
238	356	Ó	Y	$\in$
239	357	Õ	y	$\cap$
240	360	0	thorn	$\equiv$
241	361	1	Thorn	$\pm$
242	362	2		$\geq$
243	363	3		$\leq$
244	364	4		Haken
245	365	5		Haken
246	366	6	–	$\div$
247	367	7	1/4	$\approx$
248	370	8	1/2	$\circ$
249	371	9	a̲	$\bullet$
250	372		o̲	$\cdot$
251	373	Û	$\ll$	$\surd$
252	374	Ü	$\sqcup$	n
253	375	Ù	$\gg$	2
254	376	Ú	$\pm$	$\sqcup$
255	377			(FF)

B.2 German-ASCII

Falls das Ein- oder Ausgabegerät einen deutschen 7-Bit-ASCII-Zeichensatz enthält, sind folgende Ersetzungen der amerikanischen Zeichen durch deutsche Sonderzeichen üblich:

Nr.	US-Zeichen	US-ASCII	German ASCII
91	linke eckige Klammer	[	Ä
92	Backslash	\	Ö
93	rechte eckige Klammer	]	Ü
123	linke geschweifte Klammer	{	ä
124	senkrechter Strich	|	ö
125	rechte geschweifte Klammer	}	ü
126	Tilde	~	ß

Achtung: Der IBM-PC und Ausgabegeräte von Hewlett-Packard verwenden keinen 7-Bit-ASCII-Zeichensatz, sondern eigene 8-Bit-Zeichensätze, die die Sonderzeichen unter Nummern höher 127 enthalten, siehe vorhergehende Tabelle.

B.3 ASCII-Steuerzeichen

Die Steuerzeichen der Zeichensätze dienen der Übermittlung von Befehlen und Informationen an das empfangende Gerät und nicht der Ausgabe eines sicht- oder druckbaren Zeichens. Die Ausgabegeräte kennen in der Regel jedoch einen Modus (transparent, Monitor, Display Functions), in der die Steuerzeichen nicht ausgeführt, sondern angezeigt werden. Die meisten Steuerzeichen belegen keine eigene Taste auf der Tastatur, sondern werden als Kombination aus der control-Taste und einer Zeichentaste eingegeben. In C/C++ läßt sich jedes Zeichen durch seine oktale Nummer in der Form `\123` oder durch seine hexadezimale Nummer in der Form `\x53` eingeben (hier das `S`).

dezimal	C-Konst.	ASCII	Bedeutung	Tasten
0	`\x00`	nul	ASCII-Null	control @
1		soh	Start of heading	control a
2		stx	Start of text	control b

3		etx	End of text	control c
4		eot	End of transmission	control d
5		enq	Enquiry	control e
6		ack	Acknowledge	control f
7	\a	bel	Bell	control g
8	\b	bs	Backspace	control h, BS
9	\t	ht	Horizontal tab	control i, TAB
10	\n	lf	Line feed	control j, LF
11	\v	vt	Vertical tab	control k
12	\f	ff	Form feed	control l
13	\r	cr	Carriage return	control m, RETURN
14		so	Shift out	control n
15		si	Shift in	control o
16		dle	Data link escape	control p
17		dc1	Device control 1, xon	control q
18		dc2	Device control 2, tape	control r
19		dc3	Device control 3, xoff	control s
20		dc4	Device control 4, tape	control t
21		nak	Negative acknowledge	control u
22		syn	Synchronous idle	control v
23		etb	End transmission block	control w
24		can	Cancel	control x
25		em	End of medium	control y
26		sub	Substitute	control z
27	\x1b	esc	Escape	control [, ESC
28		fs	File separator	control \
29		gs	Group separator	control]
30		rs	Record separator	control ^
31		us	Unit separator	control _
127		del	Delete	DEL, RUBOUT

B.4 Latin-1 (ISO 8859-1)

Die internationale Norm ISO 8859 beschreibt gegenwärtig zehn Zeichensätze, die jedes Zeichen durch jeweils ein Byte darstellen. Jeder Zeichensatz umfaßt also maximal 256 druckbare Zeichen und Steuerzeichen. Der erste – Latin-1 genannt – ist für west- und mitteleuropäische Sprachen – darunter Deutsch – vorgesehen. Latin-2 deckt Mittel- und Osteuropa ab, soweit das lateinische Alphabet verwendet wird. Wer einen polnisch-deutschen Text schreiben will, braucht Latin 2. Die deutschen Sonderzeichen liegen in Latin 1 bis 6 an denselben Stellen. Weiteres siehe in der ISO-Norm und im RFC 1345 *Character Mnemonics and Character Sets* vom Juni 1992. Auch `http://wwwwbs.cs.tu-berlin.de/~czyborra/charsets/` hilft weiter.

Die erste Hälfte (0 – 127) aller Latin-Zeichensätze stimmt mit US-ASCII überein, die zweite mit keinem der anderen Zeichensätze. Zu jedem Zeichen gehört eine standardisierte verbale Bezeichnung. Einige Zeichen wie das isländische Thorn oder das Cent-Zeichen konnten hier mit LaTeX nicht dargestellt werden.

dezimal	oktal	hex	Zeichen	Bezeichnung
000	000	00	nu	Null (nul)
001	001	01	sh	Start of heading (soh)
002	002	02	sx	Start of text (stx)
003	003	03	ex	End of text (etx)
004	004	04	et	End of transmission (eot)
005	005	05	eq	Enquiry (enq)
006	006	06	ak	Acknowledge (ack)
007	007	07	bl	Bell (bel)
008	010	08	bs	Backspace (bs)
009	011	09	ht	Character tabulation (ht)
010	012	0a	lf	Line feed (lf)
011	013	0b	vt	Line tabulation (vt)
012	014	0c	ff	Form feed (ff)
013	015	0d	cr	Carriage return (cr)
014	016	0e	so	Shift out (so)
015	017	0f	si	Shift in (si)
016	020	10	dl	Datalink escape (dle)
017	021	11	d1	Device control one (dc1)
018	022	12	d2	Device control two (dc2)
019	023	13	d3	Device control three (dc3)
020	024	14	d4	Device control four (dc4)
021	025	15	nk	Negative acknowledge (nak)
022	026	16	sy	Synchronous idle (syn)
023	027	17	eb	End of transmission block (etb)
024	030	18	cn	Cancel (can)

025	031	19	em	End of medium (em)
026	032	1a	sb	Substitute (sub)
027	033	1b	ec	Escape (esc)
028	034	1c	fs	File separator (is4)
029	035	1d	gs	Group separator (is3)
030	036	1e	rs	Record separator (is2)
031	037	1f	us	Unit separator (is1)
032	040	20	sp	Space
033	041	21	!	Exclamation mark
034	042	22	”	Quotation mark
035	043	23	#	Number sign
036	044	24	$	Dollar sign
037	045	25	%	Percent sign
038	046	26	&	Ampersand
039	047	27	’	Apostrophe
040	050	28	(	Left parenthesis
041	051	29	)	Right parenthesis
042	052	2a	*	Asterisk
043	053	2b	+	Plus sign
044	054	2c	,	Comma
045	055	2d	-	Hyphen-Minus
046	056	2e	.	Full stop
047	057	2f	/	Solidus
048	060	30	0	Digit zero
049	061	31	1	Digit one
050	062	32	2	Digit two
051	063	33	3	Digit three
052	064	34	4	Digit four
053	065	35	5	Digit five
054	066	36	6	Digit six
055	067	37	7	Digit seven
056	070	38	8	Digit eight
057	071	39	9	Digit nine
058	072	3a	:	Colon
059	073	3b	;	Semicolon
060	074	3c	<	Less-than sign
061	075	3d	=	Equals sign
062	076	3e	>	Greater-than sign
063	077	3f	?	Question mark
064	100	40	@	Commercial at

065	101	41	A	Latin capital letter a
066	102	42	B	Latin capital letter b
067	103	43	C	Latin capital letter c
068	104	44	D	Latin capital letter d
069	105	45	E	Latin capital letter e
070	106	46	F	Latin capital letter f
071	107	47	G	Latin capital letter g
072	110	48	H	Latin capital letter h
073	111	49	I	Latin capital letter i
074	112	4a	J	Latin capital letter j
075	113	4b	K	Latin capital letter k
076	114	4c	L	Latin capital letter l
077	115	4d	M	Latin capital letter m
078	116	4e	N	Latin capital letter n
079	117	4f	O	Latin capital letter o
080	120	50	P	Latin capital letter p
081	121	51	Q	Latin capital letter q
082	122	52	R	Latin capital letter r
083	123	53	S	Latin capital letter s
084	124	54	T	Latin capital letter t
085	125	55	U	Latin capital letter u
086	126	56	V	Latin capital letter v
087	127	57	W	Latin capital letter w
088	130	58	X	Latin capital letter x
089	131	59	Y	Latin capital letter y
090	132	5a	Z	Latin capital letter z
091	133	5b	[	Left square bracket
092	134	5c	\	Reverse solidus
093	135	5d	]	Right square bracket
094	136	5e	^	Circumflex accent
095	137	5f	_	Low line
096	140	60	‘	Grave accent
097	141	61	a	Latin small letter a
098	142	62	b	Latin small letter b
099	143	63	c	Latin small letter c
100	144	64	d	Latin small letter d
101	145	65	e	Latin small letter e
102	146	66	f	Latin small letter f
103	147	67	g	Latin small letter g
104	150	68	h	Latin small letter h

105	151	69	i	Latin small letter i
106	152	6a	j	Latin small letter j
107	153	6b	k	Latin small letter k
108	154	6c	l	Latin small letter l
109	155	6d	m	Latin small letter m
110	156	6e	n	Latin small letter n
111	157	6f	o	Latin small letter o
112	160	70	p	Latin small letter p
113	161	71	q	Latin small letter q
114	162	72	r	Latin small letter r
115	163	73	s	Latin small letter s
116	164	74	t	Latin small letter t
117	165	75	u	Latin small letter u
118	166	76	v	Latin small letter v
119	167	77	w	Latin small letter w
120	170	78	x	Latin small letter x
121	171	79	y	Latin small letter y
122	172	7a	z	Latin small letter z
123	173	7b	{	Left curly bracket
124	174	7c	|	Vertical line
125	175	7d	}	Right curly bracket
126	176	7e	~	Tilde
127	177	7f	dt	Delete (del)
128	200	80	pa	Padding character (pad)
129	201	81	ho	High octet preset (hop)
130	202	82	bh	Break permitted here (bph)
131	203	83	nh	No break here (nbh)
132	204	84	in	Index (ind)
133	205	85	nl	Next line (nel)
134	206	86	sa	Start of selected area (ssa)
135	207	87	es	End of selected area (esa)
136	210	88	hs	Character tabulation set (hts)
137	211	89	hj	Character tabulation with justification (htj)
138	212	8a	vs	Line tabulation set (vts)
139	213	8b	pd	Partial line forward (pld)
140	214	8c	pu	Partial line backward (plu)
141	215	8d	ri	Reverse line feed (ri)
142	216	8e	s2	Single-shift two (ss2)
143	217	8f	s3	Single-shift three (ss3)
144	220	90	dc	Device control string (dcs)

145	221	91	p1	Private use one (pu1)
146	222	92	p2	Private use two (pu2)
147	223	93	ts	Set transmit state (sts)
148	224	94	cc	Cancel character (cch)
149	225	95	mw	Message waiting (mw)
150	226	96	sg	Start of guarded area (spa)
151	227	97	eg	End of guarded area (epa)
152	230	98	ss	Start of string (sos)
153	231	99	gc	Single graphic character introducer (sgci)
154	232	9a	sc	Single character introducer (sci)
155	233	9b	ci	Control sequence introducer (csi)
156	234	9c	st	String terminator (st)
157	235	9d	oc	Operating system command (osc)
158	236	9e	pm	Privacy message (pm)
159	237	9f	ac	Application program command (apc)
160	240	a0	ns	No-break space
161	241	a1	¡	Inverted exclamation mark
162	242	a2		Cent sign
163	243	a3	£	Pound sign
164	244	a4		Currency sign (künftig Euro?)
165	245	a5		Yen sign
166	246	a6		Broken bar
167	247	a7	§	Section sign
168	250	a8		Diaresis
169	251	a9	©	Copyright sign
170	252	aa	^{a}	Feminine ordinal indicator
171	253	ab	$\ll$	Left-pointing double angle quotation mark
172	254	ac	¬	Not sign
173	255	ad	-	Soft hyphen
174	256	ae		Registered sign
175	257	af	¯	Overline
176	260	b0	°	Degree sign
177	261	b1	±	Plus-minus sign
178	262	b2	^{2}	Superscript two
179	263	b3	^{3}	Superscript three
180	264	b4	’	Acute accent
181	265	b5	μ	Micro sign
182	266	b6	¶	Pilcrow sign
183	267	b7	·	Middle dot
184	270	b8	¸	Cedilla

185	271	b9	^{1}	Superscript one
186	272	ba	°	Masculine ordinal indicator
187	273	bb	≫	Right-pointing double angle quotation mark
188	274	bc	1/4	Vulgar fraction one quarter
189	275	bd	1/2	Vulgar fraction one half
190	276	be	3/4	Vulgar fraction three quarters
191	277	bf	¿	Inverted question mark
192	300	c0	À	Latin capital letter a with grave
193	301	c1	Á	Latin capital letter a with acute
194	302	c2	Â	Latin capital letter a with circumflex
195	303	c3	Ã	Latin capital letter a with tilde
196	304	c4	Ä	Latin capital letter a with diaresis
197	305	c5	Å	Latin capital letter a with ring above
198	306	c6	Æ	Latin capital letter ae
199	307	c7	Ç	Latin capital letter c with cedilla
200	310	c8	È	Latin capital letter e with grave
201	311	c9	É	Latin capital letter e with acute
202	312	ca	Ê	Latin capital letter e with circumflex
203	313	cb	Ë	Latin capital letter e with diaresis
204	314	cc	Ì	Latin capital letter i with grave
205	315	cd	Í	Latin capital letter i with acute
206	316	ce	Î	Latin capital letter i with circumflex
207	317	cf	Ï	Latin capital letter i with diaresis
208	320	d0		Latin capital letter eth (Icelandic)
209	321	d1	Ñ	Latin capital letter n with tilde
210	322	d2	Ò	Latin capital letter o with grave
211	323	d3	Ó	Latin capital letter o with acute
212	324	d4	Ô	Latin capital letter o with circumflex
213	325	d5	Õ	Latin capital letter o with tilde
214	326	d6	Ö	Latin capital letter o with diaresis
215	327	d7	×	Multiplication sign
216	330	d8	Ø	Latin capital letter o with stroke
217	331	d9	Ù	Latin capital letter u with grave
218	332	da	Ú	Latin capital letter u with acute
219	333	db	Û	Latin capital letter u with circumflex
220	334	dc	Ü	Latin capital letter u with diaresis
221	335	dd	Ý	Latin capital letter y with acute
222	336	de		Latin capital letter thorn (Icelandic)

223	337	df	ß	Latin small letter sharp s (German)
224	340	e0	à	Latin small letter a with grave
225	341	e1	á	Latin small letter a with acute
226	342	e2	â	Latin small letter a with circumflex
227	343	e3	ã	Latin small letter a with tilde
228	344	e4	ä	Latin small letter a with diaresis
229	345	e5	å	Latin small letter a with ring above
230	346	e6	æ	Latin small letter ae
231	347	e7	ç	Latin small letter c with cedilla
232	350	e8	è	Latin small letter e with grave
233	351	e9	é	Latin small letter e with acute
234	352	ea	ê	Latin small letter e with circumflex
235	353	eb	ë	Latin small letter e with diaresis
236	354	ec	ì	Latin small letter i with grave
237	355	ed	í	Latin small letter i with acute
238	356	ee	î	Latin small letter i with circumflex
239	357	ef	ï	Latin small letter i with diaresis
240	360	f0		Latin small letter eth (Icelandic)
241	361	f1	ñ	Latin small letter n with tilde
242	362	f2	ò	Latin small letter o with grave
243	363	f3	ó	Latin small letter o with acute
244	364	f4	ô	Latin small letter o with circumflex
245	365	f5	õ	Latin small letter o with tilde
246	366	f6	ö	Latin small letter o with diaresis
247	367	f7	÷	Division sign
248	370	f8	ø	Latin small letter o with stroke
249	371	f9	ù	Latin small letter u with grave
250	372	fa	ú	Latin small letter u with acute
251	373	fb	û	Latin small letter u with circumflex
252	374	fc	ü	Latin small letter u with diaresis
253	375	fd	ý	Latin small letter y with acute
254	376	fe		Latin small letter thorn (Icelandic)
255	377	ff	ÿ	Latin small letter y with diaresis

B.5 Latin-2 (ISO 8859-2)

Der Zeichensatz Latin-2 deckt folgende Sprachen ab: Albanisch, Bosnisch, Deutsch, Englisch, Finnisch, Irisch, Kroatisch, Polnisch, Rumänisch, Serbisch (in lateinischer Transskription), Serbokroatisch, Slowakisch, Slowenisch, Sorbisch, Tschechisch und Ungarisch. Samisch wird in Latin-9 berücksichtigt. Auf:

`http://sizif.mf.uni-lj.si/linux/cee/iso8859-2.html`

finden sich Einzelheiten und weitere URLs. Hier nur die Zeichen, die von Latin-1 abweichen:

dezimal	oktal	hex	Zeichen	Bezeichnung
161	241	a1		Latin capital letter a with ogonek
162	242	a2		Breve
163	243	a3	Ł	Latin capital letter l with stroke
165	245	a5	Ľ	Latin capital letter l with caron
166	246	a6	Ś	Latin capital letter s with acute
169	251	a9	Š	Latin capital letter s with caron
170	252	aa	Ş	Latin capital letter s with cedilla
171	253	ab	Ť	Latin capital letter t with caron
172	254	ac	Ź	Latin capital letter z with acute
174	256	ae	Ž	Latin capital letter z with caron
175	257	af	Ż	Latin capital letter z with dot above
177	261	b1		Latin small letter a with ogonek
178	262	b2		Ogonek (Schwänzchen)
179	263	b3	ł	Latin small letter l with stroke
181	265	b5		Latin small letter l with caron
182	266	b6		Latin small letter s with acute
183	267	b7		Caron
185	271	b9		Latin small letter s with caron
186	272	ba		Latin small letter s with cedilla
187	273	bb		Latin small letter t with caron
188	274	bc		Latin small letter z with acute
189	275	bd		Double acute accent
190	276	be		Latin small letter z with caron
191	277	bf		Latin small letter z with dot above
192	300	c0		Latin capital letter r with acute
195	303	c3		Latin capital letter a with breve
197	305	c5		Latin capital letter l with acute
198	306	c6		Latin capital letter c with acute
200	310	c8		Latin capital letter c with caron
202	312	ca		Latin capital letter e with ogonek
204	314	cc		Latin capital letter e with caron

207	317	cf	Latin capital letter d with caron
208	320	d0	Latin capital letter d with stroke
209	321	d1	Latin capital letter n with acute
210	322	d2	Latin capital letter n with caron
213	325	d5	Latin capital letter o with double acute
216	330	d8	Latin capital letter r with caron
217	331	d9	Latin capital letter u with ring above
219	333	db	Latin capital letter u with double acute
222	336	de	Latin capital letter t with cedilla
224	340	e0	Latin small letter r with acute
227	343	e3	Latin small letter a with breve
229	345	e5	Latin small letter l with acute
230	346	e6	Latin small letter c with acute
232	350	e8	Latin small letter c with caron
234	352	ea	Latin small letter e with ogonek
236	354	ec	Latin small letter e with caron
239	357	ef	Latin small letter d with caron
240	360	f0	Latin small letter d with stroke
241	361	f1	Latin small letter n with acute
242	362	f2	Latin small letter n with caron
245	365	f5	Latin small letter o with double acute
248	370	f8	Latin small letter r with caron
249	371	f9	Latin small letter u with ring above
251	373	fb	Latin small letter u with double acute
254	376	fe	Latin small letter t with cedilla
255	377	ff	Dot above

B.6 HTML-Entities

HTML-Entities sind eine Ersatzschreibweise für Zeichen, die nicht direkt in HTML-Text eingegeben werden können. Zu diesen Zeichen gehören:

- Sonderzeichen außerhalb des US-ASCII-Zeichensatzes (Umlaute),
- Zeichen, die eine besondere Bedeutung in HTML haben (&, <),
- mathematische und andere Symbole (±, ©).

Für den Ersatz gibt es zwei Möglichkeiten:

- die dezimale oder hexadezimale Nummer des Zeichens im Zeichensatz,
- eine Umschreibung mit ASCII-Zeichen.

Soweit die Zeichen im Latin-1-Zeichensatz enthalten sind, können die dort angegebenen Nummern verwendet werden. Die vollständige Tabelle entnimmt man am einfachsten der HTML-Spezifikation. Hier nur die häufigsten Zeichen:

dezimal	hex	char ent	Zeichen	Bezeichnung
&	&	&	&	ampersand
<	L	<	<	less-than sign
>	N	>	>	greater-than sign
 	 			non-breaking space
¡	¡	¡	¡	inverted exclamation mark
£	£	£	£	pound sign
©	©	©	©	copyright sign
«	«	«	≪	left pointing guillemet
­	­	­		soft or dicretionary hyphen
®	®	®		registered sign
°	°	°	°	degree sign
±	±	±	±	plus-minus sign
²	²	²	^{2}	superscript two
³	³	³	^{3}	superscript three
µ	µ	µ	μ	micro sign
»	»	»	≫	right pointing guillemet
½	½	½	1/2	fraction one half
À	À	À	À	latin capital letter A with grave
Á	Á	Á	Á	latin capital letter A with acute
Â	Â	Â	Â	latin capital letter A with circumflex
Ã	Ã	Ã	Ã	latin capital letter A with tilde
Ä	Ä	Ä	Ä	latin capital letter A with diaresis
Å	Å	Å	Å	latin capital letter A with ring above
Æ	Æ	Æ	Æ	latin capital ligature AE
Ç	Ç	Ç	Ç	latin capital letter C with cedilla
Ñ	Ñ	Ñ	Ñ	latin capital letter N with tilde
Ø	Ø	Ø	Ø	latin capital letter O with stroke
ß	ß	ß	ß	latin small letter sharp s
ë	ë	ë	ë	latin small letter e with diaresis

ñ	ð	ñ	ñ	latin small letter n with tilde

B.7 Sondertasten

Computertastaturen weisen im Vergleich zu den Tastaturen herkömmlicher Schreibmaschinen einige Tasten zusätzlich auf – mit besonderen Bedeutungen. Obwohl die PC-Tastatur (MF-2) weit verbreitet ist, gibt es eine Vielzahl abweichender Tastaturen. Die Wirkung, die von einer Taste ausgelöst wird, hängt in den meisten Fällen von der Software ab, lässt sich daher nicht allgemein angeben und kann von Programm zu Programm variieren. Typische Beispiele sind die Funktionstasten, aber auch fast alle anderen Tasten lassen sich umprogrammieren. In der folgenden Tabelle werden die wichtigsten Sondertasten aufgeführt:

	DÜZ	Datenübertragung zeilenweise
ACK		Acknowledge
AlphaLock		wie Caps Lock
Alt	Alt	Alternate
AltGr	AltGr	Alternate graphic(s)
BackTab		
BS, Backspace	Rücktaste	einen Schritt zurück
BEL		Glocke, ASCII-Nr. 7
Break	Untbr	Signal SIGINT, Signal Nr. 2
CAN		Cancel
Caps Lock	Feststelltaste	Umschaltung feststellen
CBT		Cursor back tab
CE, ClearEntry		
CharDel		Lösche Zeichen
CharInsert		Füge Zeichen vor Cursor ein
ClearSpace		
CR		Carriage return, Wagenrücklauf, ASCII-Nr. 13
Ctrl	Strg	Control, Steuerung
CUB		Cursor back
CUD		Cursor down
CUF		Cursor forward
CUU		Cursor up

DCH		Delete character
DC1		Device control 1, ASCII-Nr. 17
DC2		Device control 2, ASCII-Nr. 18
DC3		Device control 3, ASCII-Nr. 19
DC4		Device control 4, ASCII-Nr. 20
Dead Keys	Tod-Tasten, Akzent-Tasten	T. für diakritische Zeichen, Akzente *ohne* Zeichenvorschub
DEL, Delete	Entf	Zeichen entfernen, löschen
DL		Delete line
DLE		Data link enable
Down	Pfeil abwärts	Cursor abwärts
EM		End of media
End	Ende	Cursor zum Seitenende
ENQ		Enquiry
Enter	Zeilenwechsel	Eingabe vollziehen
EOT		End of transmission
Esc	Escape	Escape, Fluchtsymbol, ASCII-Nr. 27
ETB		End of transaction block
ETX		End of text
ExtChar		
F1	F1	Funktionstaste 1 usw.
FF		Form feed, Blattvorschub, ASCII-Nr. 12
Funct		ähnlich wie Ctrl
Home	Pos1	Cursor zum Seitenanfang
HT		Horizontal tab
INS, Insert	Einfg	Zeichen vor Cursor einfügen
IS1		Information separator 1
IS2		Information separator 2
IS3		Information separator 3
IS4		Information separator 4
Left	Pfeil links	Cursor nach links
LF		Line feed, ASCII-Nr. 10
LineDel		Lösche Zeile
LineErase		Lösche Zeile ab Cursor
LineFeed		wie Down
LineIns		Füge Zeile oberhalb Cursor ein
LocEsc		Local Escape
NAK		Not acknowledge
NoScroll		Hält Bildschirm an
NumLock	Num	Number lock key

Page		Nächste Seite des Speichers
Page Down	Bild abwärts	Nächste Seite des Speichers
PageErase		Seite löschen
Page Up	Bild aufwärts	Vorige Seite des Speichers
Pause	Pause	Pause
PFK		Program Function Key
PrevWin		Previous window
PrintScreen	Druck	Hardcopy des Bildschirms
Reset		Setzt Terminal zurück
Return	Zeilenwechsel	Zeilenwechsel, Eingabe vollziehen
Right	Pfeil rechts	Cursor nach rechts
Rubout		Zeichen löschen, wie DEL
ScrollLock	Rollen	Hält Bildschirm an
Send		Sende Seite zum Computer
Setup		Zeigt Konfiguration an
Shift	Umschaltung	Umschaltung groß-klein
Space	Leertaste	ASCII-Nr. 32, Leerschritt
SOH		Start of header
SUB		Substitute character, ASCII-Nr. 26
SYN		Synch idle
SysRq	S-Abf	System request, System-Anfrage
Tab	Tab	(Horizontal-)Tabulator
Up	Pfeil aufwärts	Cursor nach oben

Daneben finden sich auf den Tastaturen einzelner Hersteller noch Tasten mit angebissenen Äpfeln, fliegenden Fenstern und dergleichen.

C Typografische Maße

C.1 Papierformate

In der EDV sind folgende Papierformate gebräuchlich (Ein Zoll (inch) sind 25,4 mm oder 72 Punkte):

- **DIN A3** Blattgröße 297 mm x 420 mm entsprechend 842 p x 1190 p.
- **DIN A4** Blattgröße 210 mm x 297 mm entsprechend 595 p x 842 p, näherungsweise 8 Zoll x 12 Zoll.
- **Briefumschlag DIN lang** 110 mm x 220 mm
- **Tabellierpapier schmal** Blattgröße einschließlich Lochrand 240 mm x 305 mm, ohne Lochrand 210 mm x 305 mm, also annähernd DIN A4. 305 mm sind 12 Zoll.
- **Tabellierpapier breit** Blattgröße einschließlich Lochrand 375 mm x 305 mm.

  Bei 10 Zeichen/Zoll faßt die Zeile 132 Zeichen, bei 12 Zeichen/Zoll 158 Zeichen, bei 15 Zeichen/Zoll 198 Zeichen.
- **Executive** amerikanisch, Blattgröße 7.25 Zoll x 10.5 Zoll (184,2 mm x 266,7 mm) entsprechend 540 p x 720 p.
- **Ledger** amerikanisch, Blattgröße 17 Zoll x 11 Zoll (431,8 mm x 279,4 mm) entsprechend 1224 p x 792 p, Querformat.
- **Legal** amerikanisch, Blattgröße 8.5 Zoll x 14 Zoll (215,9 mm x 355,6 mm) entsprechend 612 p x 1008 p.
- **Letter** amerikanisch, Blattgröße 8.5 Zoll x 11 Zoll (215,9 mm x 279,4 mm) entsprechend 612 p x 792 p, Schreibmaschinenpapier.
- **Tabloid** amerikanisch, Blattgröße 11 Zoll x 17 Zoll (279,4 mm x 431,8 mm) entsprechend 792 p x 1224 p.

Es ist zwischen der Blattgröße, der Größe des adressierbaren Bereichs (logische Seite) und der Größe des beschreibbaren Bereichs zu unterscheiden. Näheres beispielsweise im *HP PCL 5*

Printer Language Technical Reference Manual (das leider nicht zum Lieferumfang der HP Laserdrucker gehört, für die System-Manager aber äußerst wichtig ist).

C.2 Schriftgrößen

Bei den Schriftgrößen oder -graden finden sich mehrere Maßsysteme. In Mitteleuropa ist traditionell das aus dem Bleisatz stammende Punktsystem nach FRANÇOIS AMBROISE DIDOT gebräuchlich, das die Höhe der Schrifttype (nicht des Buchstabens) angibt. Es geht auf den französischen Fuß zurück; ein Punkt war früher 0,376 mm, heute ist er in Angleichung an das metrische System 0,375 mm. Die wichtigsten Größen werden auch mit eigenen Namen bezeichnet (12 pt = Cicero). Die untere Grenze der Lesbarkeit liegt bei 9 pt, optimal sind 12 pt.

Auf englische Füße geht das Pica-System zurück, in dem 1 Pica gleich 12 Points oder 4,216 mm (1/6 Zoll) ist. Hiervon abgeleitet ist das IBM-Pica-System, in dem Pica eine Schrift mit 6 Zeilen pro Zoll und 10 Zeichen pro Zoll ist. Elite bedeutet 12 Zeichen pro Zoll bei gleichem Zeilenabstand.

Auf deutschen Schreibmaschinen war Pica eine Schriftart mit 2,6 mm Schrittweite (etwa 10 Zeichen pro Zoll) und Perl eine Schriftart mit 2,3 mm Schrittweite.

D Farben

D.1 RGB-Farbwerte

D.2 X11-Farben

Eine Auswahl der von X11 verwendeten Farben. Die vollständige Liste ist in `/etc/X11/rgb.txt`, `/usr/X11R6/lib/X11/rgb.txt` oder `/usr/lib/x11/rgb.txt` zu finden. Mittels `showrgb` werden die Farben mit ihren Zahlenwerten (RGB-Tripletts) aufgelistet. Das Kommando `xcolors` stellt in einem großen Fenster alle Farben gleichzeitig samt ihren Bezeichnungen dar, das Kommando `xcolorsel` in einem kleinen Fenster einen Ausschnitt samt Hexwerten und Bezeichnungen. Die tatsächliche Farbdarstellung hängt vom Bildschirm bzw. Drucker ab, deshalb sind die Farbmuster nur als Orientierungshilfe zu verstehen.

X11 stellt auch Farben dar, die nicht in dieser Liste genannt sind. Darüber hinaus kann sich ein Benutzer mit einem Farbeditor eigene Farben für X11 mischen. Nach dem RGB-Modell arbeiten `xcolmix` (Debian) und `xcoloredit`, zu holen bei `http://freebsd.home4u.ch/de/` oder `ftp://export.lcs.mit.edu/R5contrib/`. Ein durchschnittlicher Benutzer kommt jedoch mit den vorgefertigten Farben aus.

Farbe	Colour	RGB-Vektor	Hex, 8bittig
weiß	white	255,255,255	#ffffff
gelb	yellow	255,255,0	#ffff00
fuchsienrot	magenta1	255,0,255	#ff00ff
cyan	cyan1	0,255,255	#00ffff
rot	red	255,0,0	#ff0000
maigrün	green	0,255,0	#00ff00
blau	blue1	0,0,255	#0000ff
grau	grey52	133,133,133	#868686
olivgrün	olive drab	107,142,35	#698e20
purpur	purple	160,32,240	#9e20ef

dunkelgrün	green4	0,139,0	#008a00
kastanienbraun	maroon	176,48,96	#ae3061
grün	green	0,255,0	#00ff00
marineblau	navy blue	0,0,128	#000086
lachsrot	salmon	250,128,114	#f78271
dunkelrosa	hot pink	255,105,180	#ff69b6
dunkelorange	dark orange	255,140,0	#ff8e00
königsblau	royal blue	65,105,225	#4169df
altweiß	antique white	250,235,215	#f7ebd7
ocker	navajo white	255,222,173	#ffdfae
hellgrau	light grey	211,211,211	#cfd3cf
schwarz	black	0,0,0	#000000

D.3 HTML-Farben

Eine Auswahl von Farben nach dem RGB-Farbmodell, ihren Bezeichnungen und ihren Hex-Codes, wie sie in HTML-Seiten verwendet werden. Die ersten 16 Farben können auf Webseiten über ihre englische Bezeichnung angesprochen werden; die Hex-Codes sollten immer richtig verstanden werden. Weiteres unter `http:\\www.htmlhelp.com/cgi-bin/color.cgi` oder `http://www.seifert-web.de/info/bgclick.htm`.

Farbe	Colour	Hex Code
weiß	white	#ffffff
schwarz	black	#000000
gelb	yellow	#ffff00
fuchsienrot	magenta, fuchsia	#ff00ff
cyan	cyan, aqua	#00ffff
rot	red	#ff0000
maigrün	lime	#00ff00
blau	blue	#0000ff
grau	gray	#808080
olivgrün	olive	#808000
purpur	purple	#800080
dunkelgrün	teal	#008080
kastanienbraun	maroon	#800000
grün	green	#008000

marineblau	navy	#000080
silbern	silver	#c0c0c0
lachsrot	salmon	#fa8072
dunkelrosa	hot pink	#ff69b4
dunkel orange	dark orange	#ff8c00
königsblau	royal blue	#4169e1
ocker	navajo white	#ffdead

E Hypertext Markup Language (HTML)

An Hand einer einfachen Webseite – verfasst nach der Spezifikation von HTML 4.0 – wird die Verwendung von HTML erläutert. Die Seite ist von mehreren Programmen getestet und hat keine Fehlermeldungen erzeugt.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
  <HEAD>
    <TITLE>
      Dr.-Ing. Wulf Alex
    </TITLE>
    <META http-equiv="Content-Type" content=
    "text/html; charset=iso-8859-1">
    <META name="revisit-after" content="20 days">
    <META name="description" content=
    "Mechanische Verfahrenstechnik und Mechanik, Wulf Alex">
    <META name="keywords" lang="de" content=
    "Chemieingenieur,Verfahrenstechnik,Alex">
    <META name="keywords" lang="en" content=
    "Chemical Engineering,Process Engineering,Alex">
  </HEAD>
  <BODY bgcolor="#ffffff">
    <IMG src="/logociw.gif" alt="LOGO">
    <H3>
      Institut f&uuml;r Mechanische Verfahrenstechnik
      und Mechanik
    </H3>
    <HR><IMG src="alex.jpg" align="MIDDLE" height="240"
    width="175" alt="FOTO"> <STRONG>Wulf Alex</STRONG>
    <BR>
    <BR>
     Geb&auml;ude 30.70, Zimmer 003
    <BR>
    <BR>
```

```
 Telefon +49 721 608 2404 (dienstlich)
<BR>
<BR>
 Email <A href="mailto:wulf.alex@mvm.uni-karlsruhe.de">
wulf.alex@mvm.uni-karlsruhe.de</A>
<H4>
  Arbeitsgebiete
</H4>
  <UL>
    <LI>
      Institutsverwaltung, Werkst&auml;tten,
    </LI>
    <LI>
      EDV, Web-, List- und Postmaster, DBA,
    </LI>
    <LI>
      Partikelmesstechnik.
    </LI>
  </UL>
<H4>
  Ver&ouml;ffentlichungen
</H4>
Siehe <A href="/cgi-bin/wwwbuch.cgi?autor=Alex%2C%20W">
Bibliothek</A>
<H4>
  <A href="/~wualex1/">Pers&ouml;nliche Webseite</A>
</H4>
<HR>Zur <A href=
"http://www.ciw.uni-karlsruhe.de/">Fakult&auml;t</A>
<A href="http://www.uni-karlsruhe.de/">Universit&auml;t</A>
<HR>http://www.mvm.uni-karlsruhe.de/mvm/personen/alex.html
<BR>
 J&uuml;ngste &Auml;nderung 2001-10-24 <A href=
"mailto:webmaster.mvm@mvm.uni-karlsruhe.de">
webmaster.mvm@mvm.uni-karlsruhe.de</A>
<BR>
 <!--#config timefmt="%Y %b %d %T %Z"-->
 Requested <!--#echo var="DATE_GMT"-->
 by <!--#echo var="REMOTE_ADDR"-->
 from <!--#echo var="SERVER_NAME"-->
```

```
  </BODY>
</HTML>
```

Die erste Zeile nennt die *Document Type Declaration*. Sie kann von Testprogrammen wie `tidy` automatisch hinzugefügt werden. Dann folgt das eigentliche HTML-Dokument von `<HTML>` bis `</HTML>`. Es gliedert sich in den Kopf von `<HEAD>` bis `</HEAD>` und den Rumpf von `<BODY>` bis `</BODY>`.

Im Kopf steht der Titel (keine Sonderzeichen!) von `<TITLE>` bis `</TITLE>`, der auf dem Rahmen des Brauser-Fensters angezeigt wird. Dann folgen Meta-Informationen für Brauser und Suchmaschinen. Die Information über den Content-Type ist obligatorisch, der Rest optional.

Im Rumpf wird zunächst ein Bild (Logo) im gif-Format eingebunden. Für Fotos empfiehlt sich das jpg-Format. Dann folgt eine Überschrift (Headline) dritter Stufe, die beiden obersten Stufen werden hier nicht verwendet. `<HR>` ist eine horizontale Trennlinie (horizontal ruler), `<BR>` ein Zeilenumbruch (line break) zusätzlich zu denen, die der Brauser von sich aus vornimmt.

Die Email-Anschrift ist in Form eines anklickbaren Hyperlinks zwischen `<A>` und `</A>` angegeben. Der öffnende Tag `<A>` enthält ein Attribut, nämlich den URL, der beim Anklicken angesprochen werden soll.

Die *Arbeitsgebiete* sind in Form einer Auflistung (unordered list) zwischen `<UL>` und `</UL>` dargestellt. Die einzelnen Elemente stehen zwischen `<LI>` und `</LI>`. Es gibt auch Aufzählungen (ordered lists, OL).

Der auf die Bibliothek weisende Hyperlink ruft auf dem Webserver ein cgi-Programm auf, das etwas tut und das Ergebnis dem Webserver zwecks Übertragung zum Brauser mitteilt. Die Information, die der Leser beim Anklicken dieses Hyperlinks erhält, wird also bei Bedarf zusammengestellt, sie ist dynamisch. Im vorliegenden Fall stammt sie auf Umwegen aus einer Datenbank.

Gegen Ende werden der URL der vorliegenden Seite, das Datum der jüngsten Änderung und die Anschrift des zuständigen Webmasters angegeben. Das gehört sich so und fehlt oft.

Die letzten drei Zeilen im Rumpf rufen *Server Side Includes* auf. Das sind wieder dynamische Informationen, die der Server nach Bedarf einfügt, jedoch ohne Hilfe eines anderen Programmes. Nicht unbedingt erforderlich, aber hier und da nützlich.

Dieses Beispiel soll zeigen, dass eine einfache Webseite keine höheren Programmierkenntnisse erfordert. Wenn Sie sich dann noch aus dem Netz oder im Buchhandel eine gute Einführung in HTML besorgen, sind Sie für Ihren Auftritt im WWW gerüstet. Später sollten Sie sich noch vom W3C die HTML-Spezifikation holen, zum Nachschlagen.

F Die wichtigsten UNIX-Kommandos

Einzelheiten siehe Online-Referenz-Handbuch. Das wichtigste Kommando zuerst, die übrigen nach Sachgebiet und dann alphabetisch geordnet:

`man man`	Beschreibung zum Kommando `man(1)` ausgeben
`man -k time`	man-Seiten zum Stichwort `time` auflisten
`apropos time`	man-Seiten zum Stichwort `time` auflisten

Allgemeines

`alias`	Alias in der Shell einrichten `alias r=’fc -e -’`

`at`	Programm zu einem beliebigen Zeitpunkt starten
	`at 0815 Jan 24`
	`program`
	`EOF` (meist `control-d`)

`bdf, df, du`	Plattenbelegung ermitteln
	`df`
	`du .`

`calendar`	Terminverwaltung (Reminder Service) (Datei `$HOME/calendar` muß existieren) `calendar`
`crontab`	Tabelle für `cron` erzeugen `crontab crontabfile`
`date`	Datum und Zeit anzeigen `date`
`echo, print`	Argument auf `stdout` schreiben `echo ’Hallo, wie gehts?’`
`exit`	Shell beenden `exit`

`kill`	Signal an Prozess senden
	`kill process_id`
	`kill -s SIGHUP process_id`

`leave`	an Feierabend erinnern

	`leave 2215`
`lock`	Terminal sperren `lock`
`newgrp`	Benutzergruppe wechseln `newgrp student`
`nice`	Priorität eines Programmes herabsetzen `nice program`
`nohup`	Programm von Sitzung abkoppeln `nohup program &`
`passwd`	Passwort ändern `passwd` `yppasswd` (in NIS-Clustern)
`ps`	laufende Prozesse anzeigen `ps -ef`
`script`	Sitzung mitschreiben `script` (beenden mit exit)
`set`	Umgebung anzeigen `set`
`sh, ksh, bash`	Shells (Bourne, Korn, Bash) `bash`
`stty`	Terminal-Schnittstelle anzeigen `stty`
`su`	Usernamen wechseln (substituieren) `su bjalex1`
`tset, reset`	Terminal initialisieren `tset vt100`
`tty`	Terminalnamen (`/dev/tty*`) anzeigen `tty`
`who`	eingeloggte Benutzer auflisten `who -H`
`whoami, id`	meinen Namen anzeigen `id`
`xargs`	Argumentliste aufbauen und Kommando ausführen `ls | xargs -i -t mv {} subdir/{}`

Dateien, Verzeichnisse

`cd`	Arbeitsverzeichnis wechseln
	`cd`
	`cd /usr/local/bin`

`chgrp`	Gruppe einer Datei wechseln `chgrp students file`
`chmod`	Zugriffsrechte einel Datei ändern `chmod 755 file`
`chown`	Besitzer einer Datei wechseln `chown aralex1 file`
`cmp, diff`	zwei Dateien vergleichen `cmp file1 file2`

`compress`	Datei komprimieren
	`compress file`
	`uncompress file.Z`

`cp`	Datei kopieren `cp original kopie`
`file`	Dateityp ermitteln `file file`
`find, whereis`	Dateien suchen `find . -name file -print`

`gzip`	Datei komprimieren (GNU)
	`gzip file`
	`gunzip file.gz`

`ln`	Datei linken
	`ln file hardlinkname`
	`ln -s file softlinkname`

`ls`	Verzeichnisse auflisten
	`ls -al`
	`ls -l /usr/local`

`mkdir`	Verzeichnis anlegen `mkdir newdir`
`mv`	Datei verschieben oder umbenennen `mv oldfilename newfilename`
`od`	(oktalen) Dump einer Datei ausgeben `od -c file`
`pwd`	Arbeitsverzeichnis anzeigen `pwd`

`rm, rmdir`	Datei oder leeres Verzeichnis löschen
	`rm file`
	`rm -r dir` (rekursiv)
	`rmdir dir`

`tar`	Datei-Archiv schreiben oder lesen `tar -cf /dev/st0 ./dir &`

`touch`	leere Datei erzeugen, Zeitstempel ändern `touch file`

Kommunikation, Netz

`ftp`	Datei Transfer `ftp ftp.ciw.uni-karlsruhe.de`
`hostname`	Hostnamen anzeigen `hostname`
`irc`	Netzgeschwätz `irc` (beenden mit `/quit`)
`kermit`	Datei übertragen, auch von/zu Nicht-UNIX-Anlagen `kermit` (beenden mit `exit`)

`mail,elm, mutt`	Mail lesen und versenden
	`mail wulf.alex@mvm.uni-karlsruhe.de < file`
	`elm`
	`mutt`

`netscape`	WWW-Browser (einer unter vielen) `netscape &`
`news`	Neuigkeiten anzeigen `news -a`

`nslookup`	Auskunft über Host
	`nslookup mvmpc100.ciw.uni-kalrsuhe.de`
	`nslookup 129.13.118.100`

`ping`	Verbindung prüfen `ping 129.13.118.100`
`ssh`	verschlüsselte Verbindung zu Host im Netz `ssh mvmpc100.ciw.uni-karlsruhe.de`
`rlogin`	Dialog mit UNIX-Host im Netz (unverschlüsselt) `rlogin mvmpc100`
`telnet`	Dialog mit Host im Netz (unverschlüsselt) `telent mvmpc100`
`tin, xn`	Newsreader `rtin`
`uucp`	Programmpaket mit UNIX-Netzdiensten
`whois`	Auskunft über Netzknoten `whois -h whois.internic.net gatekeeper.dec.com`
`write, talk`	Dialog mit eingeloggtem Benutzer `talk wualex1@mvmpc100`

Programmieren

`ar`	Gruppe von files archivieren `ar -r archiv.a file1 file2`
`cb`	C-Beautifier, Quelle verschönern `cb prog.c > prog.b`
`cc`	C-Compiler mit Linker `cc -o prog prog.c`
`ci`	einchecken in das RCS-System `ci mysource.c`
`co`	auschecken aus dem RCS-System `co -l mysource.c`
`lint`	C-Syntax-Prüfer `lint prog.c`
`make`	Compileraufruf vereinfachen `make` (Makefile erforderlich)
`sdb, xdb`	symbolischer Debugger `xdb` (einige Dateien erforderlich)

Textverarbeitung

`adjust`	Text formatieren (einfachst) `adjust -j -m60 textfile`
`awk`	Listengenerator `awk -f awkscript textfile` (awk-Script erforderlich)
`cancel`	Druckauftrag löschen `cancel lp-4711`

`cat`	von `stdin` lesen, nach `stdout` schreiben
	`cat textfile`
	`cat file1 file2 > file.all`
	`cat textfile`

`cut`	Spalten aus Tabellen auswählen `cut -f1 tablefile > newfile`
`ed`	Zeileneditor, mit `diff(1)` nützlich `ed textfile`
`emacs`	Editor, alternativ zum `vi(1)` (GNU) `emacs textfile`
`expand`	Tabs ins Spaces umwandeln `expand textfile > newfile`
`grep, fgrep`	Muster in Dateien suchen

		`grep -i Unix textfile` `fgrep UNIX textfile`
`head, tail`	Anfang bzw. Ende eines Textfiles anzeigen	`head textfile`
`lp, lpr`	Datei über Spooler ausdrucken	`lp -dlp2 textfile` `lpr -Plp2 textfile`
`lpstat, lpq`	Spoolerstatus anzeigen	`lpstat -t`
`more, less`	Textfile schirmweise anzeigen	`more textfile` `ls -l | more`
`nroff`	Textformatierer	`nroff nrofffile | lp`

`recode`	Filter zur Umwandlung von Zeichensätzen (GNU)	`recode --help`
		`recode -l`
		`recode -v ascii-bs:EBCDIC-IBM textfile`

`sed`	filternder Editor	`sed 's/[A-Z]/[a-z]/g' textfile > newfile`
`sort`	Textfile zeilenweise sortieren	`sort liste | uniq > newfile`
`spell`	Rechtschreibung prüfen	`spell` spelling textfile+
`tee`	`stdout` zugleich in eine Datei schreiben	`who | tee whofile`
`tr`	Zeichen in Textfile ersetzen	`tr -d "\015" < textfile1 > textfile2`
`uniq`	sortiertes Textfile nach doppelten Zeilen durchsuchen	`sort liste | uniq > newfile`
`vi`	Bildschirm-Editor, alternativ zum `emacs(1)`	`vi textfile`
`view`	`vi(1)` nur zum Lesen aufrufen	`view textfile`
`vis`	Dateien mit Steuersequenzen anzeigen	`vis textfile`
`wc`	Zeichen, Wörter und Zeilen zählen	`wc textfile`

G Vergleich UNIX – DOS-Kommandos

Der Vergleich bezieht sich auf Microsoft DOS 5.0 und UNIX V.3. Eine hundertprozentige Übereinstimmung in der Wirkung ist selten. Die Syntax der Kommandos ist immer verschieden.

Optionen werden in UNIX durch –, in MS-DOS durch / eingeleitet. Die Verzeichnisse eines vollen Pfadnamens werden in UNIX durch /, in MS-DOS durch \ getrennt.

In UNIX arbeitet man stets mit einem einzigen File-System; in MS-DOS hat jeder Datenträger (Diskette, Platte) sein eigenes File-System. Die Kommandos zum Behandeln der File-Systeme können daher keine Äquivalente haben.

UNIX	MS-DOS	Wirkung
`cat, pg`	`type`	zeigt File auf Bildschirm an
`cd`	`cd`	wechselt Arbeitsverzeichnis
`chmod`	`attrib`	ändert Fileattribute
`clear`	`cls`	löscht Bildschirm
`cmp`	`comp, fc`	vergleicht zwei Files
`cp`	`copy, xcopy`	kopiert File
`date`	`date`	zeigt Datum an
`date`	`time`	zeigt Uhrzeit an
`exit`	`exit`	verläßt Kommandointerpreter
`grep`	`find`	sucht String in File
`lp`	`print`	schickt File zum Drucker
`lpr`	`print`	schickt File zum Drucker
`ls`	`dir`	listet Verzeichnis auf
`mkdir`	`mkdir`	legt Verzeichnis an
`more`	`more`	zeigt File bildschirmweise an
`mv`	`ren`	benennt File um
`pwd`	`cd`	zeigt Arbeitsverzeichnis
`rm`	`del`	löscht File
`rmdir`	`rmdir`	löscht leeres Verzeichnis
`sh`	`command`	ruft Kommandointerpreter auf
`sort`	`sort`	sortiert File zeilenweise

Wer mit beiden Betriebssystemen arbeitet, möchte vielleicht auf beiden Systemen die häufigsten Kommandos beider Systeme zur Verfügung haben, um nicht ständig umdenken zu müssen. Unter UNIX ist das mithilfe des link-Kommandos `ln(1)` mit geringem Aufwand zu erreichen. Man linkt beispielsweise das MS-DOS-Kommando `copy` auf das UNIX-Kommando `cp(1)`, zweckmäßig im selben Verzeichnis: `ln /bin/cp /bin/copy`. Ein Alias leistet für einen einzelnen Benutzer denselben Dienst und läßt sich auch für interne Kommandos einrichten.

Diese Möglichkeit gibt es unter MS-DOS nicht. Man kann nur ein Batch-File mit dem Namen des UNIX-Kommandos schreiben, das das MS-DOS-Kommando aufruft, beispielsweise `cp.bat`:

```
@echo off
c:dos\copy %1 %2 /v
```

Seit MS-DOS 5.0 lassen sich mittels `doskey` auch Aliases einrichten. Es gibt außerdem von vielen UNIX-Kommandos Ausführungen, die unter MS-DOS laufen, siehe Abschnitt **??** *MKS-Tools und andere*. Insbesondere gibt es den Editor `vi(1)` unter dem Namen `vim` und den Archivierer `tar(1)` auch für DOS.

Umlenkungen (>, <) und Pipes (|) arbeiten unter beiden Betriebssystemen gleich.

H Besondere UNIX-Kommandos

H.1 vi(1)

Kommando	Wirkung
esc	schaltet in Kommando-Modus um
h	Cursor nach links
j	Cursor nach unten
k	Cursor nach oben
l	Cursor nach rechts
0	Cursor an Zeilenanfang
$	Cursor an Zeilenende
nG	Cursor in Zeile Nr. n
G	Cursor in letzte Zeile des Textes
n+	Cursor n Zeilen vorwärts
n-	Cursor n Zeilen rückwärts
a	schreibe anschließend an Cursor
i	schreibe vor Cursor
o	öffne neue Zeile unterhalb Cursor
O	öffne neue Zeile oberhalb Cursor
r	ersetze das Zeichen auf Cursor
R	ersetze Text ab Cursor
x	lösche das Zeichen auf Cursor
dd	lösche Cursorzeile
ndd	lösche n Zeilen ab und samt Cursorzeile
nY	übernimm n Zeilen in Zwischenspeicher
p	schreibe Zwischenpuffer unterhalb Cursorzeile
P	schreibe Zwischenpuffer oberhalb Cursorzeile
J	hänge nächste Zeile an laufende an
/abc	suche String `abc` nach Cursor
?abc	suche String `abc` vor Cursor
n	wiederhole Stringsuche
u	mache letztes Kommando ungültig (undo)
%	suche Gegenklammer (in Programmen)

:read file	lies `file` ein
:w	schreibe Text zurück (write, save)
:q	verlasse Editor ohne write (quit)
:wq	write und quit

Weitere `vi`-Kommandos im Referenz-Handbuch unter `vi(1)`, in verschiedenen Hilfen im Netz oder in dem Buch von MORRIS I. BOLSKY.

H.2 emacs(1)

Der `emacs(1)` kennt keine Modi, die Kommandos werden durch besondere Tastenkombinationen erzeugt. `control h, t` bedeutet: zuerst die Tastenkombination `control h` eintippen, loslassen, dann `t` eintippen. Die Mächtigkeit des Emacs zeigt sich daran, daß nicht ein Hilfefenster angeboten wird, sondern ein ganzes Tutorial.

Kommando	Wirkung
emacs filename	Aufruf zum Editieren des Files `filename`
control h, t	Tutorial
control h, i	Manuals
control x, control s	Text speichern
control x, control x	Text speichern, Editor verlassen

Weitere `emacs`-Kommandos im Tutorial, im Referenz-Handbuch unter `emacs(1)`, in verschiedenen Hilfen im Netz oder in dem Buch von D. CAMERON und B. ROSENBLATT.

H.3 joe(1)

Der `joe(1)` kennt keine Modi, die Kommandos werden durch besondere Tastenkombinationen erzeugt. `control k, h` bedeutet: zuerst die Tastenkombination `control k` eintippen, loslassen, dann `h` eintippen.

Kommando	Wirkung

joe filename	Aufruf zum Editieren des Files `filename`
control k, h	Hilfe anzeigen
control k, x	Text speichern, Editor verlassen
control c	Editor ohne Speichern verlassen

Weitere `joe`-Kommandos im Hilfefenster, im Referenz-Handbuch unter `joe(1)` oder in verschiedenen Hilfen im Netz.

H.4 Drucken

In der UNIX-Welt gibt es mehrere Systeme aus Druckdämonen und -kommandos. Man muß sich beim System-Manager erkundigen (oder experimentell ermitteln), welches Drucksystem verwendet wird. In ihrer Funktionalität ähneln sich die Systeme, in Einzelheiten und der Kommandosyntax unterscheiden sie sich.

Aufgabe	System V	BSD	LPRng	HPDPS
Druckauftrag geben	lp	lpr	lpr	pdpr
Druckauftrag löschen	cancel	lprm	lprm	pdrm, pdclean
Status abfragen	lpstat	lpq	lpq	pdq
Spoolerdämon	lpsched	lp	lp	(Spooler)

H.5 ftp(1)

Wenn man eine `FTP`-Verbindung zu einem Computer im Netz unterhält, stehen nur ftp-Kommandos für die Fileübertragung zur Verfügung, die mit den UNIX-Kommandos nichts zu tun haben. Die wichtigsten von etwa 70 sind:

Kommando	Wirkung
ftp	Beginn der FTP-Sitzung
open	Verbinden mit angegebener Adresse
user	Eingabe Benutzernamen
pwd	print working directory, wie UNIX
cd	change directory, wie UNIX

lcd	change local directory
dir, ls	Verzeichnis auflisten
ascii	in ASCII-Modus schalten (für ASCII-Texte)
binary	in binären Modus schalten (für alle übrigen Files)
get	File vom Host holen
get README |more	kurzes Textfile `README` on-line lesen
put	File zum Host schicken
mget	multi-get, mehrere Files auf einmal holen
mput	multi-put, mehrere Files auf einmal schicken
prompt	Abfragen bei `mget` und `mput` unterdrücken
rhelp	Kommandos der Übertragung anzeigen
close	Verbindung (nicht Sitzung) beenden
bye, quit	Sitzung beenden
help	lokale Hilfe zu Kommandos anzeigen
? cmd	Hilfe zum Kommando `cmd` anzeigen

I UNIX-Dateisystem

I.1 Zugriffsrechte

- `d` Verzeichnis (directory),
- `l` weicher (symbolischer) Link,
- `c` Character Device File,
- `b` Block Device File,
- `p` Named Pipe (FIFO),
- `n` Network Device File,
- `s` an vorderster Stelle: Socket,
- `-` an vorderster Stelle: reguläre Datei, sonst gleichbedeutend mit nicht gesetztem Recht, Zahlenwert 0,
- `r` lesen (read), kopieren, bei Verzeichnissen: mit `ls(1)` auflisten, Zahlenwert 4,
- `w` schreiben (write), ändern, bei Verzeichnissen Dateien anlegen oder löschen, Zahlenwert 2,
- `x` ausführen (execute, was nur bei Programmen sinnvoll ist), bei Verzeichnissen mit `cd(1)` hinein- oder hindurchgehen (search), Zahlenwert 1,
- `S` bei den Besitzerrechten: Set-User-ID-Bit gesetzt, Zahlenwert 4, `x` nicht gesetzt,
- `s` bei den Besitzerrechten: Set-User-ID-Bit gesetzt, Zahlenwert 4, `x` gesetzt,
- `S` bei den Gruppenrechten: Set-Group-ID-Bit gesetzt, Zahlenwert 2, `x` nicht gesetzt,
- `s` bei den Gruppenrechten: Set-Group-ID-Bit gesetzt, Zahlenwert 2, `x` gesetzt,
- `T` Sticky Bit gesetzt, Zahlenwert 1, `x` nicht gesetzt,
- `t` Sticky Bit, Zahlenwert 1, und `x` gesetzt,

Tab. I.1: Zugriffsrechte von Dateien und Verzeichnissen, Beispiele

Rechte	Rechte	Besitzer	Gruppe	Rest der Welt
000	---------	Rechte ändern	nichts	nichts
700	rwx------	alles	nichts	nichts
600	rw-------	lesen + schreiben	nichts	nichts
500	r-x------	lesen + ausführen	nichts	nichts
400	r--------	lesen	nichts	nichts
300	-wx------	schreiben + ausführen	nichts	nichts
200	-w-------	schreiben	nichts	nichts
100	--x------	ausführen	nichts	nichts
750	rwxr-x---	alles	lesen + ausführen	nichts
640	rw-------	lesen + schreiben	lesen	nichts
755	rwxr-xr-x	alles	lesen + ausführen	lesen + ausführen
644	rw-r--r--	lesen + schreiben	lesen	lesen
664	rw-rw-r--	lesen + schreiben	lesen + schreiben	lesen
775	rwxrwxr-x	alles	alles	lesen + ausführen
777	rwxrwxrwx	alles	alles	alles
1000	--------T	nichts	nichts	nichts, Sticky Bit
2000	-----S---	nichts	nichts, sgid-Bit	nichts
4000	--S------	nichts, suid-Bit	nichts	nichts
4600	rwS------	lesen + schreiben, suid-Bit	nichts	nichts
4700	rws------	alles, suid-Bit	nichts	nichts
6750	rwsr-x---	alles, suid-Bit	lesen + ausführen, sgid-Bit	nichts
4555	r-sr-xr-x	lesen + ausführen, suid-Bit	lesen + ausführen	lesen + ausführen
7555	r-sr-sr-t	lesen + ausführen, suid-Bit	lesen + ausführen, sgid-Bit	lesen + ausführen, Sticky Bit

I.2 Kennungen

Unter UNIX ist es nicht gebräuchlich, den Typ eines Files durch ein Anhängsel (Kennung, Erweiterung, Extension) an seinen Namen zu kennzeichnen, aber es ist erlaubt. Die Länge der Kennung ist beliebig, es dürfen auch zwei Kennungen angefügt werden, zum Beispiel `.ps.gz`. Folgende Kennungen (a = ASCII-Text, b = binäres File, ? = wechselnd oder unbekannt) sind verbreitet:

$$$	?	Temporäres File
10X	b	Gemini 10X Printer Graphics
a	b	UNIX-Archiv, mit `ar(1)` erzeugt
acr	b	ACR-NEMA Medical Image
adf	?	Adapter Description (IBM)
adi	b	AutoCAD DXF
adn	?	Add In Utility (Lotus)
afm	?	Adobe Font Metrics (Adobe)
ai	?	Adobe Illustrator
ani	b	Atari ST Graphics Format
ans	b	ANSI-Grafik
app	?	Application (RBase, NeXT)
arc	?	Archiv, mit `arc` oder `pkpak` komprimiert
arj	b	Archiv, mit ??? komprimiert
art	b	First Publisher Clip Art
asc	a	ASCII-Textfile
asm	a	Assembler-Quelle
atk	b	Andrew Toolkit Raster Object
au	b	Sound (Sun, NeXT)
aux	?	TeX Hilfsfile, mit Bezügen
avi	b	Microsoft RIFF
avs	b	Intel DVI
bak	a	Backup
bas	b	BASIC-Quelle
bat	a	Batchfile unter MS-DOS, entsprechend Shellscript
bbl	a	BIBTeX Literaturverzeichnis
bck	?	Backup
bfx	b	Bitfax
bgi	b	Borland Graphic Interface
bib	?	Bibliographie

bif	b	Binary Image
bin	b	binäres File
bit	b	TeX Ausgabe des Druckertreibers
bk	a	Backup (WordPerfect)
bld	b	BASIC Bload Graphics
bm	b	X11 Bitmap
bmp	b	Microsoft Bitmap Graphics (Windows, OS/2)
bnd	b	Microsoft RIFF
bob	b	BOB Image
bpx	b	Lumena Paint
bsc	?	Boyan Script
bsv	b	BASIC Bsave Graphics
btm	a	Batchfile unter 4DOS
bw	b	SGI Image File Format
byu	b	Movie BYU
c	a	C-Quelle
C	a	C++-Quelle
c64	b	Commodore 64 Image
cab	?	Microsoft Cabinet
cal	b	CAL Raster
cap	a	Capture-File (Telix)
cat	a	Catalogue, Verzeichnis
cbl	a	COBOL-Quelle
cc	a	C++-Quelle
cco	b	Btx-Grafik
cdf	?	Comma delimited format
cdi	b	Philips CD-I IFF
cdr	b	Corel Draw Vektorgrafik
cdx	?	Compound Index (FoxPro)
cel	b	Lumena CEL
cfg	?	Konfigurations-File
cgm	b	Computer Graphics Metafile (Harvard Graphics, Lotus)
chk	?	von chkdsk erzeugtes File (MS-DOS)
chm	b	compilierte HTML-Datei
cht	b	Harvard Graphics
clp	?	Clipboard (Windows), Clip Art, GRASP
cmd	a	Command, Skript, Batchfile unter OS/2
cmi	b	Intel DVI
cmu	b	CMU Window Manager Bitmap
cnc	a	CNC-Programme

cnf	?	Konfigurations-File
cob	a	COBOL-Quelle
cod	?	Codeliste
com	b	Kommando (MS-DOS), ausführbares Programm
cpi	?	Code Page Information (MS-DOS)
cpp	a	C++-Quelle
cpt	?	Compact Pro (Kompressor Macintosh)
crd	?	Cardfile
crf	?	Cross Reference
csv	a	Comma Separated Values
ctx	b	Signaturfile (PGP)
cube	b	Cubicomp Picturemaker Image
cue	?	Cuecard (Volltext-DB, Windows)
cur	b	Microsoft Windows Cursor Image
cut	b	Dr. Halo Bitmap
cvf	b	Compressed Volume
cxx	a	C++-Quelle
dat	a	Daten
db	b	Datenbank (Paradox)
dbf	?	Datenbank (dBase)
dcf	?	Driver Configuration file
dcs	b	Quark Desktop Color Separation EPS
dct	?	Dictionary
dcx	b	Fax-File
dd	?	Disk Doubler
ddif	?	DEC DDIF
def	?	Definitionen, Defaultwerte
dem	b	Demonstration
des	?	Description
dhp	b	Dr. Halo PIC
dib	b	Microsoft Windows Bitmap, OS/2 Bitmap
dic	?	Dictionary
dif	?	Lotus Data Interchange Format
dir	a	Directory, Verzeichnis
dll	b	Dynamically Linked Library (OS/2, Windows)
doc	a	Dokument, Text (MS Word)
dok	a	Dokument, Text
dpx	b	Cineon DPX
drs	b	Driver Resource (WordPerfect)
drv	b	Device Driver

drw	b	Drawing
dta	a	Daten
dv	a	Desqview Scriptfile
dvi	b	Metafile von TeX, geräteunabhängig
dvr	b	Device Driver
dxb	b	Drawing Interchange Binary (AutoCAD)
dxf	b	Data Exchange Format (AutoCAD)
ega	b	EGA-Grafik
eidi	b	Electric Image EIDI
el	a	Emacs Lisp
elc	b	Emacs Lisp compiled
emf	?	Enhanced Metafile Format
eml	a	Electronic Mail
enc	b	encoded
eps	b	Adobe Encapsulated Postscript
epsi	b	Encapsulated Postscript Preview
err	a	Error, Fehlerprotokoll
etx	?	Setext
exe	b	executable, ausführbares Programm (MS-DOS)
f	a	FORTRAN-Quelle
fax	b	G3 Fax
fbc	b	Family Tree Maker Backup for DOS
fbk	b	Family Tree Maker Backup for Windows
fd	?	Font Description
fif	?	Fractal Image Format
fits	b	Flexible Image Transport System
fli	b	EmTeX Fontlibrary
fnt	b	Font
fop	b	Freedom of Press Graphics
for	a	FORTRAN-Quelle
fpx	b	Flash Pics Raster Image
fs	b	Usenix Face Saver
ftm	b	Family Tree Maker for DOS
ftw	b	Family Tree Maker for Windows
fxs	b	Fax (Winfax)
g3	b	G3 Fax
gem	?	GEM Meta
gfb	b	Gifblast compressed GIF image
gif	b	CompuServe Graphics Interchange Format
glo	a	TeX Glossar

go	b	GraphOn Graphics
goes	b	NOAA Satellite Data
grib	b	Gridded Binary (WMO)
gz	b	mit GNU `gzip(1)` komprimiert
h	a	Header-File , include-File
hex	b	Hexdump
hdf	?	Hierarchical Data Format
hips	b	Human Information Processing Laboratory
hpp	a	Header-File C++
hqx	b	Macintosh BinHex encoded
hta	?	HTML-Anwendung
htm	a	Hypertext-Markup-Language (DOS-Welt)
html	a	Hypertext-Markup-Language (UNIX-Welt)
i	a	C-Quelle nach Präprozessor-Durchlauf
iax	b	Image Access Executive
icc	b	Kodak ICC Printer
ico	b	Microsoft Windows Icon Image
icr	b	NCSA Telnet Interactive Color Raster Graphic
idx	a	Index
iff	b	Sun Interchange File Format
ilbm	b	Amiga Interleaved Bitmap
img	b	Image, GEM Paint, Rastergrafik/Bitmap
inf	a	Information, Installationsskript
ini	?	Konfigurationsfile (Initialisierung)
jar	?	Java Archiv
jfi	b	JPEG File Interchange Format
jif	b	JPEG Interchange Format
jpeg	b	Joint Photographic Experts Group Compressed
jpg	b	Joint Photographic Experts Group Compressed
js	a	Javascript
jse	b	Javascript kodiert
l	a	`lex(1)`-Quelle
lan	b	Erdas
lib	b	Library, Bibliothek
lj	b	HP Laserjet Graphics
lof	a	TeX Bildverzeichnis (list of figures)
log	a	Protokollfile, TeX Meldungen während der Übersetzung
lot	a	TeX Tabellenverzeichnis (list of tables)
lst	a	Liste
ltm	b	EOSAT's Landsat Thematic Mapper Data

lzh	b	Archiv, mit `lha` komprimiert
m4	a	`m4(1)`-Präprozessor
mac	b	Macintosh Paint
map	b	Map-File (Quick C)
mak	a	Makefile
mdb	?	Microsoft Data Base (Access)
mdf	?	Menu Definition
mgr	b	MGR Bitmap
mid	b	Midi Sound
mif	b	Maker Interchange Format (FrameMaker)
miff	b	Magick Image File Format
mod	b	MODULA-Quelle, Amiga-Modul (Sound)
mpeg	b	Motion Pictures Expert Group (Filme)
mpnt	b	Apple Macintosh MacPaint
msp	b	Microsoft Windows Paint
mtv	b	MTV Raytracer
neo	b	Atari NeoChrome Image
nff	?	Neutral File Format
nitf	b	National Image Transmission
o	b	Objekt-Code
obj	b	Objekt-Code
old	?	Kopie eines Files vor Überschreiben
omf	a	Open Source Metadata Framework
ovl	b	Overlay
ovr	b	Overlay, Overview
p	a	PASCAL-Quelle
pak	b	Archiv, mit `pkpak` komprimiert
pax	b	Portable Archive Exchange
pbm	b	Portable Bitmap
pcd	b	Kodak Photo Compact Disc
pcl	a	HP Printer Control Language
pct	b	Macintosh PICT
pcx	b	Paintbrush, Rastergrafik
pdf	b	Adobe Portable Document Format
pds	b	NASA Planetary Image, PDS/VICAR
pi1	b	Atari Degas
pic	b	Lotus/Pixar/Radiance Picture, Softimage Image
pics	b	Apple Macintosh PICS
pict	b	Apple Macintosh QuickDraw
pif	b	Program Information

pit	b	PackIt (Kompressor Macintosh)
pix	b	Inset PIX, Lumena Paint, Alias Image
pj	b	HP PaintJet Graphics
pk	b	Packed Format Font
png	b	Portable Network Graphics
pnm	b	PBM Portable Any Map
pov	b	Persistance of Vision
pps	?	Power Point Slide Show
ppt	?	Power Point
prn	a	Druckerfile
prt	b	Parallel Ray Trace
ps	b	Postscript
psf	b	Permanent Swap
ptr	b	OS/2 PTR File
ptx	b	Printronix Graphics
qdv	b	Random Dot QDV
qfx	b	Fax-File (Quicklink)
qrt	b	QRT Ray Tracer
qtm	b	QuickTime
r	a	Rational-FORTRAN-Quelle
ras	b	SUN/CALS Raster Grafik
rdi	b	Microsoft RIFF
reg	?	MS Windows Registry
rff	b	Dore Raster File Format
rgb	b	SGI RGB Image
riff	b	Letraset Image
rix	b	Softworks Paint Tool Colorix
rla	b	Wavefront Run Length Encoded Version A Raster Image
rlb	b	Wavefront Run Length Encoded Version B Raster Image
rle	b	Utah Run Length Encoded Image
rm	b	Real Media
rpm	?	Red Hat Package Manager
rtf	?	Rich Text Format
s	a	Assembler-Quelle
scan	b	Thunderscan Image
scr	b	Screensaver, SUN/CALS Raster Grafik
sdf	?	Space Delimited File
sea	?	Self Extracting Archive (Macintosh)
sgi	b	SGI Image File Format
sh	a	Bourne-Shell-Script

shar	a	Bourne-Shell-Archiv
shr	a	Shell-Archiv
shtml	a	Server Parsed HTML Document
sir	b	Solitaire
sit	b	Macintosh StuffIt Archive
six	b	DEC LN03+ Sixel
sld	b	AutoCAD Slide
spc	b	Atari Compressed Spectrum
spl	?	Future Splash Player
spot	b	SPOT Satellite Image
spu	b	Atari Compressed Spectrum
src	a	Program Source Code
stf	?	Structured File
swf	?	Shockwave Flash
swt	?	Shockwave Template
sys	b	Treiber unter MS-DOS
tar	b	`tar(1)`-Archiv
tdf	?	Trace/Typeface Definition
tdi	b	TDI Image
tex	a	TeX- oder LaTeX-Quelltext
tfm	b	TeX-Font-Metrics
tga	b	Truevision TARGA Image
tgz	b	`.tar.gz`, tar-Archiv, GNUzip komprimiert
tif	b	Tag Image File Format (Scanner)
tiff	b	Tag Image File Format (Scanner)
tmp	?	temporäres File
toc	a	Hilfsfile von TeX (table of contents)
tpu	b	Turbo Pascal Unit
ttf	b	TrueType Font
txt	a	Textfile, lesbar
tz	b	`tar.Z`, tar-Archiv, `compress(1)`-komprimiert
uil	b	Motif UIL Icon
uu	a	uuencoded File, ASCII, aber nicht lesbar
uud	a	uuencoded File, ASCII, aber nicht lesbar
uue	a	uuencoded File, ASCII, aber nicht lesbar
vbe	b	kodiertes Visual-Basic-Skript
vbs	a	Visual-Basic-skript
vcf	b	Visiting Card File
vdi	b	Digital Research GEM VDI
vi	b	Jovian Logic Video Capture

viff	b	Khoros Visualization Image
voc	b	Creative Labs Sound
vort	b	VORT Raytracer Image
wav	b	Microsoft Windows Sound (RIFF)
web	a	WEB-Quelle
wfx	b	Fax-File (Winfax)
wma	b	Windows Media Audio
wmf	b	Windows Metafile Format
wpg	a	WordPerfect Graphics Metafile
wps	a	Microsoft Works Textfile
wri	a	Windows Textfile
wsh	?	MS Windows Scripting Host Skript
x	b	SuperDisk Self-extracting Archive
xbm	b	X11 Bitmap
xim	b	X11 Xim Toolkit
xls	?	MS-Excel-Datei
xos	b	Xaos Tools Image
xpm	b	X11 Pixmap
xv	b	Khoros Visualization Image
xwd	b	X11 Dump Image
y	a	`yacc(1)`-Quelle
ybm	b	Face File
yuv	b	Abekas YUV
Z	b	mit `compress(1)` (UNIX) komprimiert
z	b	mit GNU `gzip` komprimiert (veraltet, besser gz)
zinc	b	Zinc Interface Library Icon
zip	b	mit `pkzip` komprimiert
zoo	b	mit `zoo` komprimiert

Weitere Sammlungen von File-Kennungen finden sich im Netz unter:

`http://www.extsearch.com/`
`http://www.stack.com/`
`http://filext.com/`
`http://www.namext.net/`
`http://home.t-online.de/home/her-herrmann/Prgkenn.html`

Postscript- oder PDF-Files bestehen zwar aus ASCII-Zeichen und lassen sich auch editieren, sofern man die Sprache kennt, dürfen aber nur im binären Modus von FTP übertragen werden, um keine Zeichen zu verändern.

J UNIX-Systemaufrufe

Systemaufrufe werden vom Anwendungsprogramm wie eigene oder fremde Funktionen angesehen. Ihrem Ursprung nach sind es auch C-Funktionen. Sie sind jedoch nicht Bestandteil einer Funktionsbibliothek, sondern gehören zum Betriebssystem und sind nicht durch andere Funktionen erweiterbar.

Die Systemaufrufe – als Bestandteil des Betriebssystems – sind für alle Programmiersprachen dieselben, während die Funktionsbibliotheken zur jeweiligen Programmiersprache gehören. Folgende Systemaufrufe sind unter UNIX verfügbar:

`access`	prüft Zugriff auf File
`acct`	startet und stoppt Prozess Accounting
`alarm`	setzt Weckeruhr für Prozess
`atexit`	Funktion für Programmende
`brk`	ändert Speicherzuweisung
`chdir`	wechselt Arbeitsverzeichnis
`chmod`	ändert Zugriffsrechte eines Files
`chown`	ändert Besitzer eines Files
`chroot`	ändert Root-Verzeichnis
`close`	schließt einen File-Deskriptor
`creat`	öffnet File, ordnet Deskriptor zu
`dup`	dupliziert File-Deskriptor
`errno`	Fehlervariable der Systemaufrufe
`exec`	führt ein Programm aus
`exit`	beendet einen Prozess
`fcntl`	Filesteuerung
`fork`	erzeugt einen neuen Prozess
`fsctl`	liest Information aus File-System
`fsync`	schreibt File aus Arbeitsspeicher auf Platte
`getaccess`	ermittelt Zugriffsrechte
`getacl`	ermittelt Zugriffsrechte
`getcontext`	ermittelt Kontext eines Prozesses
`getdirentries`	ermittelt Verzeichnis-Einträge
`getgroups`	ermittelt Gruppenrechte eines Prozesses
`gethostname`	ermittelt Namen des Systems

`getitimer`	setzt oder liest Intervall-Uhr
`getpid`	liest Prozess-ID
`gettimeofday`	ermittelt Zeit
`getuid`	liest User-ID des aufrufenden Prozesses
`ioctl`	I/O-Steuerung
`kill`	schickt Signal an einen Prozess
`link`	linkt ein File
`lockf`	setzt Semaphore und Record-Sperren
`lseek`	bewegt Schreiblesezeiger in einem File
`mkdir`	erzeugt Verzeichnis
`mknod`	erzeugt File
`mount`	hängt File-System in File-Hierarchie ein
`msgctl`	Interprozess-Kommunikation
`nice`	ändert die Priorität eines Prozesses
`open`	öffnet File zum Lesen oder Schreiben
`pause`	suspendiert Prozess bis zum Empfang eines Signals
`pipe`	erzeugt eine Pipe
`prealloc`	reserviert Arbeitsspeicher
`profil`	ermittelt Zeiten bei der Ausführung eines Programmes
`read`	liest aus einem File
`readlink`	liest symbolisches Link
`rename`	ändert Filenamen
`rmdir`	löscht Verzeichnis
`rtprio`	ändert Echtzeit-Priorität
`semctl`	Semaphore
`setgrp`	setzt Gruppen-Zugriffsrechte eines Prozesses
`setuid`	setzt User-ID eines Prozesses
`signal`	legt fest, was auf ein Signal hin zu tun ist
`stat`	liest die Inode eines Files
`statfs`	liest Werte des File-Systems
`symlink`	erzeugt symbolischen Link
`sync`	schreibt Puffer auf Platte
`szsconf`	ermittelt Systemwerte
`time`	ermittelt die Systemzeit
`times`	ermittelt Zeitverbrauch eines Prozesses
`truncate`	schneidet File ab
`umask`	setzt oder ermittelt Filezugriffsmaske
`umount`	entfernt Filesystem aus File-Hierarchie
`unlink`	löscht File
`ustat`	liest Werte des File-Systems

`utime`	setzt Zeitstempel eines Files
`wait`	wartet auf Ende eines Kindprozesses
`write`	schreibt in ein File

Die Aufzählung kann durch weitere Systemaufrufe des jeweiligen Lieferanten des Betriebssystems (z. B. Hewlett-Packard) ergänzt werden. Diese erleichtern das Programmieren, verschlechtern aber die Portabilität. Zu den meisten Systemaufrufen mit `get...` gibt es ein Gegenstück `set...`, das in einigen Fällen dem Superuser vorbehalten ist.

K UNIX-Signale

Die Default-Reaktion eines Prozesses auf die meisten Signale ist seine Beendigung; sie können aber abgefangen und umdefiniert werden. Die Signale 09, 24 und 26 können nicht abgefangen werden. Die Bezeichnungen sind nicht ganz einheitlich. Weiteres unter `signal(2)`, `signal(5)` oder `signal(7)`.

Name	Nr.	Bedeutung
SIGHUP	01	hangup
SIGINT	02	interrupt (meist Break-Taste)
SIGQUIT	03	quit
SIGILL	04	illegal instruction
SIGTRAP	05	trace trap
SIGABRT	06	software generated abort
SIGIOT	06	software generated signal
SIGEMT	07	software generated signal
SIGFPE	08	floating point exception
SIGKILL	09	kill (sofortiger Selbstmord)
SIGBUS	10	bus error
SIGSEGV	11	segmentation violation
SIGSYS	12	bad argument to system call
SIGPIPE	13	write on a pipe with no one to read it
SIGALRM	14	alarm clock
SIGTERM	15	software termination (bitte Schluss machen)
SIGUSR1	16	user defined signal 1
SIGSTKFLT	16	stack fault on coprocessor
SIGUSR2	17	user defined signal 2
SIGCHLD	18	death of a child
SIGCLD	18	= SIGCHLD
SIGPWR	19	power fail
SIGINFO	19	= SIGPWR
SIGVTALRM	20	virtual timer alarm
SIGPROF	21	profiling timer alarm
SIGIO	22	asynchronous I/O signal
SIGPOLL	22	= SIGIO
SIGWINDOW	23	window change or mouse signal

SIGSTOP	24	stop
SIGTSTP	25	stop signal generated from keyboard
SIGCONT	26	continue after stop
SIGTTIN	27	background read attempt from control terminal
SIGTTOU	28	background write attempt from control terminal
SIGURG	29	urgent data arrived on an I/O channel
SIGLOST	30	NFS file lock lost
SIGXCPU	30	CPU time limit exceeded
SIGXFSZ	31	file size limit exceeded

Die Nr. 0 wird nicht für ein Signal verwendet. Wird sie dem Shell-Kommando `trap` übergeben, so ist damit das Ende der Shell (`exit`) gemeint.

L Videomodi des Linux-Kerns

Die dem VGA-Treiber im Linux-Kern bekannten Vidomodi werden durch Nummern bezeichnet, die sich aus den Nummern der VESA-Videomodi durch Addition von 0x200 (hexadezimal) ergeben. Mit der Angabe `vga=791` in der GRUB-Konfigurationsdatei wird beispielsweise erreicht, dass der Kern den VGA-Treiber mit einer Auflösung von 1024 x 768 bei 16 Bit Farbtiefe (65536 Farben) startet.

Tab. L.1: Einige Videomodi des Linux-Kerns

Modus, hex.	Modus, dez.	Auflösung (Pixel)	Farbtiefe (Bits)
0x0300	768	640 x 400	8
0x0301	769	640 x 480	8
0x0303	771	800 x 600	8
0x0305	773	1024 x 768	8
0x0307	775	1280 x 1024	8
0x030E	782	320 x 200	16
0x030F	783	320 x 200	24
0x0310	784	640 x 480	15
0x0311	785	640 x 480	16
0x0312	786	640 x 480	24
0x0313	787	800 x 600	15
0x0314	788	800 x 600	16
0x0315	789	800 x 600	24
0x0316	790	1024 x 768	15
0x0317	791	1024 x 768	16
0x0318	792	1024 x 768	24
0x0319	793	1280 x 1024	15
0x031A	794	1280 x 1024	16
0x031B	795	1280 x 1024	24
0x031C	796	1600 x 1200	8
0x031D	797	1600 x 1200	15
0x031E	798	1600 x 1200	16

Fortsetzung

Tab. L.1: (Fortsetzung)

Modus, hex.	**Modus, dez.**	**Auflösung (Pixel)**	**Farbtiefe (Bits)**
0x031F	799	1600 x 1200	24
0x0330	816	320 x 200	8
0x0331	817	320 x 400	8
0x0332	818	320 x 400	16
0x0333	819	320 x 400	24
0x0334	820	320 x 240	8
0x0335	821	320 x 240	16
0x0336	822	320 x 240	24
0x033D	829	640 x 400	16
0x033E	830	640 x 400	24
0x0345	837	1600 x 1200	8
0x0346	838	1600 x 1200	16
0x0347	839	1400 x 1050	8
0x0348	840	1400 x 1050	16
0x0352	850	2048 x 1536	24

M C-Lexikon

M.1 Schlüsselwörter

In C/C++ dürfen Schlüsselwörter keinesfalls als Namen verwendet werden. Laut ANSI verwendet C folgende Schlüsselwörter (Wortsymbole, keywords):

- Deklaratoren
  - `auto`, Default-Speicherklasse (kann weggelassen werden)
  - `char`, Zeichentyp
  - `const`, Typattribut (neu in ANSI-C)
  - `double`, Typ Gleitkommazahl doppelter Genauigkeit
  - `enum`, Aufzählungstyp
  - `extern`, Speicherklasse
  - `float`, Typ Gleitkommazahl einfacher Genauigkeit
  - `int`, Typ Ganzzahl einfacher Länge
  - `long`, Typ Ganzzahl doppelter Länge
  - `register`, Speicherklasse Registervariable
  - `short`, Typ Ganzzahl halber Länge
  - `signed`, Typzusatz zu Ganzzahl oder Zeichen
  - `static`, Speicherklasse
  - `struct`, Strukturtyp
  - `typedef`, Definition eines benutzereigenen Typs
  - `union`, Typ Union
  - `unsigned`, Typzusatz zu Ganzzahl oder Zeichen
  - `void`, leerer Typ
  - `volatile`, Typattribut (neu in ANSI-C)
- Schleifen und Bedingungen (Kontrollanweisungen)

  - `break`, Verlassen einer Schleife
  - `case`, Fall einer Auswahl (`switch`)
  - `continue`, Rücksprung vor eine Schleife
  - `default`, Default-Fall einer Auswahl (`switch`)
  - `do`, Beginn einer `do`-Schleife
  - `else`, Alternative einer Verzweigung
  - `for`, Beginn einer `for`-Schleife
  - `goto`, unbedingter Sprung
  - `if`, Bedingung oder Beginn einer Verzweigung
  - `switch`, Beginn einer Auswahl
  - `while`, Beginn einer `while`-Schleife
- Sonstige
  - `return`, Rücksprung in die aufrufende Einheit
  - `sizeof`, Bytebedarf eines Typs oder einer Variablen

In C++ kommen laut BJARNE STROUSTRUP hinzu:

- `catch`, Ausnahmebehandlung
- `class`, Klassendeklaration
- `delete`, Löschen eines Objektes
- `friend`, Deklaration einer Funktion
- `inline`, inline-Funktion
- `new`, Erzeugen eines Objektes
- `operator`, Überladen von Operatoren
- `private`, Deklaration von Klassenmitgliedern
- `protected`, Deklaration von Klassenmitgliedern
- `public`, Deklaration von Klassenmitgliedern
- `template`, Deklaration eines Templates (Klasse)
- `this`, Pointer auf Objekt
- `throw`, Ausnahmebehandlung
- `try`, Ausnahmebehandlung
- `virtual`, Deklaration

Darüber hinaus verwenden einige Compiler weitere Schlüsselwörter:

- `asm`, Assembler-Aufruf innerhalb einer C- oder C++-Quelle
- `bool`, logischer oder boolescher Typ
- `cdecl`, Aufruf einer Funktion nach C-Konventionen
- `const_cast`, cast-Operator für const-Werte
- `dynamic_cast`, cast-Operator
- `entry`, (war in K&R-C für künftigen Gebrauch vorgesehen)
- `explicit`, Konstruktor-Vereinbarung
- `export`, Vereinbarung bei Klassen-Templates
- `false`, boolesche Konstante
- `far`, Typzusatz unter MS-DOS
- `fortran`, Aufruf einer Funktion nach FORTRAN-Konventionen
- `huge`, Typzusatz unter MS-DOS
- `mutable`, Typattribut
- `namespace`, Vereinbarung des Geltungsbereiches von Namen
- `near`, Typzusatz unter MS-DOS
- `pascal`, Aufruf einer Funktion nach PASCAL-Konventionen
- `reinterpret_cast`, cast-Operator
- `static_cast`, cast-Operator
- `true`, boolesche Konstante
- `typeid`, Operator zum Ermitteln des Typs
- `typename`, Alternative zum Schlüsselwort `class`
- `using`, Deklaration in Verbindung mit `namespace`
- `wchar_t`, Typ (wide character literal)

M.2 Operatoren

Die Operatoren von C/C++ sind im folgenden ihrem Vorrang nach geordnet, höchster Rang (Bindungskraft) zuoberst. Alle Operatoren eines Abschnitts haben gleichen Rang. l bzw. r bedeutet von links bzw. rechts her assoziativ. Ein unärer Operator verlangt einen Operanden, ein binärer zwei und ein ternärer drei.

Operator	A	-	Bedeutung
`::`	r	unär	Bezugsrahmen, global
`::`	l	binär	Bezugsrahmen, Klasse
`::`	l	binär	Bezugsrahmen, Namensraum
`( )`	l	unär	Klammerung, Funktion
`[ ]`	l	unär	Index
`->`	l	binär	Auswahl
`.`	l	binär	Auswahl
`++`	r	unär	Postfix Inkrement
`--`	r	unär	Postfix Dekrement
`typeid`		unär	Typabfrage
`const_cast`		binär	Typumwandlung
`dynamic_cast`		binär	Typumwandlung
`reinterpret_cast`		binär	Typumwandlung
`static_cast`		binär	Typumwandlung
`sizeof`	r	unär	Größenabfrage
`++`	r	unär	Präfix Inkrement
`--`	r	unär	Präfix Dekrement
`~`	r	unär	bitweise Negation
`!`	r	unär	logische Negation
`-`	r	unär	negatives Vorzeichen
`+`	r	unär	positives Vorzeichen
`*`	r	unär	Dereferenzierung
`&`	r	unär	Referenzierung
`( )`	r	binär	cast-Operator
`new`	r	unär	dynamische Speicherbelegung
`delete`	r	unär	dynamische Speicherfreigabe
`->*`	l	binär	Auswahl
`.*`	l	binär	Auswahl
`*`	l	binär	Multiplikation
`/`	l	binär	Division

`%`	l	binär	Modulus (Divisionsrest)
`+`	l	binär	Addition
`-`	l	binär	Subtraktion
`<<`	l	binär	bitweises Shiften links
`>>`	l	binär	bitweises Shiften rechts
`<`	l	binär	kleiner als
`<=`	l	binär	kleiner gleich
`>`	l	binär	größer als
`>=`	l	binär	größer gleich
`==`	l	binär	Gleichheit
`!=`	l	binär	Ungleichheit
`&`	l	binär	bitweises Und
`^`	l	binär	bitweises exklusives Oder
`|`	l	binär	bitweises Oder
`&&`	l	binär	logisches Und
`||`	l	binär	logisches Oder
`?:`	l	ternär	bedingte Bewertung
`=`	r	binär	Zuweisung

`+=, -=, *=, /=`
`%=, >>=, <<=,`
`&=, |=, ^=`
	r	binär	zusammengesetzte Zuweisung

`throw`		unär	Ausnahmebehandlung
`,`	l		Komma-Operator

M.3 Standardfunktionen

Folgende Standardfunktionen oder -makros sind gebräuchlich:

- Pufferbehandlung
  - `memchr`, sucht Zeichen im Puffer
  - `memcmp`, vergleicht Zeichen mit Pufferinhalt
  - `memcpy`, kopiert Zeichen in Puffern
  - `memset`, setzt Puffer auf bestimmtes Zeichen
- Zeichenbehandlung
  - `isalnum`, prüft Zeichen, ob alphanumerisch
  - `isalpha`, prüft Zeichen, ob Buchstabe

  - `iscntrl`, prüft Zeichen, ob Kontrollzeichen
  - `isdigit`, prüft Zeichen, ob Ziffer
  - `isgraph`, prüft Zeichen, ob sichtbar
  - `islower`, prüft Zeichen, ob Kleinbuchstabe
  - `isprint`, prüft Zeichen, ob druckbar
  - `ispunct`, prüft Zeichen, ob Satzzeichen
  - `isspace`, prüft Zeichen, ob Whitespace
  - `isupper`, prüft Zeichen. ob Großbuchstabe
  - `isxdigit`, prüft Zeichen, ob hexadezimale Ziffer
  - `tolower`, wandelt Großbuchstaben in Kleinbuchstaben um
  - `toupper`, wandelt Kleinbuchstaben in Großbuchstaben um

- Datenumwandlung
  - `atof`, wandelt String in `double`-Wert um
  - `atoi`, wandelt String in `int`-Wert um
  - `atol`, wandelt String in `long`-Wert um
  - `strtod`, wandelt String in `double`-Wert um
  - `strtol`, wandelt String in `long`-Wert um
  - `strtoul`, wandelt String in `unsigned long`-Wert um

- Filebehandlung
  - `remove`, löscht File
  - `rename`, ändert Namen eines Files

- Ein- und Ausgabe
  - `clearerr`, löscht Fehlermeldung eines Filepointers
  - `fclose`, schließt Filepointer
  - `fflush`, leert Puffer eines Filepointers
  - `fgetc`, liest Zeichen von Filepointer
  - `fgetpos`, ermittelt Stand des Lesezeigers
  - `fgets`, liest String von Filepointer

- `fopen`, öffnet Filepointer
- `fprintf`, schreibt formatiert nach Filepointer
- `fputc`, schreibt Zeichen nach Filepointer
- `fputs`, schreibt String nach Filepointer
- `fread`, liest Bytes von Filepointer
- `freopen`, ersetzt geöffneten Filepointer
- `fscanf`, liest formatiert von Filepointer
- `fseek`, setzt Lesezeiger auf bestimmte Stelle
- `fsetpos`, setzt Lesezeiger auf bestimmte Stelle
- `ftell`, ermittelt Stellung des Lesezeigers
- `fwrite`, schreibt Bytes nach Filepointer
- `getc`, liest Zeichen von Filepointer
- `getchar`, liest Zeichen von `stdin`
- `gets`, liest String von Filepointer
- `printf`, schreibt formatiert nach `stdout`
- `putc`, schreibt Zeichen nach Filepointer
- `putchar`, schreibt Zeichen nach `stdout`
- `puts`, schreibt String nach Filepointer
- `rewind`, setzt Lesezeiger auf Fileanfang
- `scanf`, liest formatiert von `stdin`
- `setbuf`, ordnet einem Filepointer einen Puffer zu
- `setvbuf`, ordnet einem Filepointer einen Puffer zu
- `sprintf`, schreibt formatiert in einen String
- `sscanf`, liest formatiert aus einem String
- `tempnam`, erzeugt einen temporären Filenamen
- `tmpfile`, erzeugt ein temporäres File
- `ungetc`, schreibt letztes gelesenes Zeichen zurück
- `vfprintf`, schreibt formatiert aus einer Argumentenliste
- `vprintf`, schreibt formatiert aus einer Argumentenliste

  - `vsprintf`, schreibt formatiert aus einer Argumentenlsite

- Mathematik
  - `acos`, arcus cosinus
  - `asin`, arcus sinus
  - `atan`, arcus tangens
  - `atan2`, arcus tangens, erweiterter Bereich
  - `ceil`, kleinste Ganzzahl
  - `cos`, cosinus
  - `cosh`, cosinus hyperbolicus
  - `exp`, Exponentialfunktion
  - `fabs`, Absolutwert, Betrag
  - `floor`, größte Ganzzahl
  - `fmod`, Divisionsrest
  - `frexp`, teilt Gleitkommazahl auf
  - `ldexp`, teilt Gleitkommazahl auf
  - `log`, Logarithmus naturalis
  - `log10`, dekadischer Logarithmus
  - `modf`, teilt Gleitkommazahl auf
  - `pow`, allgemeine Potenz
  - `sin`, sinus
  - `sinh`, sinus hyperbolicus
  - `sqrt`, positive Quadratwurzel
  - `tan`, tangens
  - `tanh`, tangens hyperbolicus
- Speicherzuweisung
  - `calloc`, allokiert Speicher für Array
  - `free`, gibt allokierten Speicher frei
  - `malloc`, allokiert Speicher
  - `realloc`, ändert Größe des allokierten Speichers

- Prozesssteuerung
    - `abort`, erzeugt SIGABRT-Signal
    - `atexit`, Funktionsaufruf bei Programmende
    - `exit`, Programmende
    - `raise`, sendet Signal
    - `signal`, legt Antwort auf Siganl fest
    - `system`, übergibt Argument an Kommandointerpreter
- Suchen und Sortieren
    - `bsearch`, binäre Suche
    - `qsort`, Quicksort
- Stringbehandlung
    - `strcat`, verkettet Strings
    - `strchr`, sucht Zeichen in String
    - `strcmp`, vergleicht Strings
    - `strcpy`, kopiert String
    - `strcspn`, sucht Teilstring
    - `strerror`, verweist auf Fehlermeldung
    - `strlen`, ermittelt Stringlänge
    - `strncat`, verkettet n Zeichen von Strings
    - `strncmp`, vergleicht n Zeichen von Strings
    - `strncpy`, kopiert n Zeichen eines Strings
    - `strpbrk`, sucht Zeichen in String
    - `strrchr`, sucht Zeichen in String
    - `strspn`, ermittelt Länge eines Teilstrings
    - `strstr`, sucht Zeichen in String

Dies sind alle Funktionen des ANSI-Vorschlags. Die meisten Compiler bieten darüberhinaus eine Vielzahl weiterer Funktionen, die das Programmieren erleichtern, aber die Portabilität verschlechtern.

M.4 printf(3), scanf(3)

`printf(3)` und `scanf(3)` sind die beiden Standardfunktionen zum Ein- und Ausgeben von Daten. Wichtiger Unterschied: `printf(3)` erwartet Variable, `scanf(3)` Pointer. Die Formatbezeichner stimmen weitgehend überein:

Bezeichner	Typ	Beispiel	Bedeutung
%c	char	a	Zeichen
%s	char *	Karlsruhe	String
%d	int	-1234	dezimale Ganzzahl mit Vorzeichen
%i	int	-1234	dezimale Ganzzahl mit Vorzeichen
%u	unsigned	1234	dezimale Ganzzahl ohne Vorzeichen
%ld	long	1234	dezimal Ganzzahl doppelter Länge
%f	double	12.34	Gleitkommazahl mit Vorzeichen
%e	double	1.234 E 1	Gleitkommazahl, Exponentialform
%g	double	12.34	kurze Darstellung von %e oder %f
%o	unsigned octal	2322	oktale Ganzzahl ohne Vorzeichen
%x	unsigned hex	4d2	hexadezimale Ganzzahl o. Vorzeichen
%p	void *	68ff32e4	Pointer
%%	-	%	Prozentzeichen

Weiteres im Referenz-Handbuch unter `printf(3)` oder `scanf(3)`. Länge, Bündigkeit, Unterdrückung führender Nullen, Vorzeichenangabe können festgelegt werden.

M.5 Include-Dateien

Die Standard-Include-Dateien enthalten in lesbarer Form Definitionen von Konstanten und Typen, Deklarationen von Funktionen und Makrodefinitionen. Sie werden von Systemaufrufen und Bibliotheksfunktionen benötigt. Bei der Beschreibung jeder Funktion im Referenz-Handbuch ist angegeben, welche Include-Dateien jeweils eingebunden werden müssen. Gebräuchliche Include-Dateien sind:

- `ctype.h`, Definition von Zeichenklassen (`conv(3)`)
- `curses.h`, Bildschirmsteuerung (`curses(3)`)
- `errno.h`, Fehlermeldungen des Systems (`errno(2)`)

- `fcntl.h`, Steuerung des Dateizugriffs (`fcntl(2), open(2)`)
- `malloc.h`, Speicherallokierung (`malloc(3)`)
- `math.h`, mathematische Funktionen (`log(3), sqrt(3), floor(3)`)
- `memory.h`, Speicherfunktionen (`memory(3)`)
- `search.h`, Suchfunktionen (`bsearch(3)`)
- `signal.h`, Signalbehandlung (`signal(2)`)
- `stdio.h`, Ein- und Ausgabe (`printf(3), scanf(3), fopen(3)`)
- `string.h`, Stringbehandlung (`string(3)`)
- `time.h`, Zeitfunktionen (`ctime(3)`)
- `varargs.h`, Argumentenliste variabler Länge (`vprintf(3)`)
- `sys/ioctl.h`, Ein- und Ausgabe (`ioctl(2)`)
- `sys/stat.h`, Zugriffsrechte (`chmod(2), mkdir(2), stat(2)`)
- `sys/types.h` , verschiedene Deklarationen (`chmod(2), getut(3)`)

Auch diese Liste ist vom Compiler und damit von der Hardware abhängig. So findet man die include-Datei `dos.h` nicht auf UNIX-Anlagen, sondern nur bei Compilern unter MS-DOS für PCs.

M.6 Präprozessor-Anweisungen

Der erste Schritt beim Compilieren ist die Bearbeitung des Quelltextes durch den Präprozessor. Dieser entfernt den Kommentar und führt Ersetzungen und Einfügungen gemäß der folgenden Anweisungen (directives) aus:

- `#define` buchstäbliche Ersetzung einer symbolischen Konstanten oder eines Makros. Ist kein Ersatz angegeben, wird nur der Name als definiert angesehen (für #ifdef). Häufig.
- `#undefine` löscht die Definition eines Namens.
- `#error` führt zu einer Fehlermeldung des Präprozessors.

- `#include` zieht die angegebene Datei herein. Häufig.
- `#if, #else, #elif, #endif` falls Bedingung zutrifft, werden die nachfolgenden Präprozessor-Anweisungen ausgeführt.
- `#ifdef, #ifndef` falls der angegebene Name definiert bzw. nicht definiert ist, werden die nachfolgenden Präprozessor-Anweisungen ausgeführt.
- `#line` führt bei Fehlermeldungen zu einem Sprung auf die angegebenen Zeilennummer.
- `#pragma` veranlaßt den Präprozessor zu einer systemabhängigen Handlung.

N Slang im Netz

Diese Sammlung von im Netz vorkommenden Slang-Abkürzungen ist ein Auszug aus der Abklex-Liste:

`http://www.ciw.uni-karlsruhe.de/abklex.html`

mit rund 9000 Abkürzungen aus Informatik und Telekommunikation.

2L8	Too Late
AAMOF	As A Matter Of Fact
AFAIAA	As Far As I Am Aware
AFAIC	As Far As I am Concerned
AFAIK	As Far As I Know
AFAIKT	As Far As I Know Today
AFAIR	As Far As I Remember
AFJ	April Fool's Joke
AFK	Away From Keyboard
AIMB	As I Mentioned Before
AISI	As I See It
AIUI	As I Understand It
AKA	Also Known As
AMBW	All My Best Wishes
ANFSCD	And Now For Something Completely Different
APOL	Alternate Person On Line
ASAP	As Soon As Possible
ATFSM	Ask The Friendly System Manager
ATM	At The Moment
ATST	At The Same Time
ATT	At This Time
AWA	A While Ago
AWB	A While Back
AWGTHTGTTA	Are We Going To Have To Go Through This Again?
AWHFY	Are We Having Fun Yet?
AYOR	At Your Own Risc
AYST	Are You Still There?
B4	Before

B4N	Bye For Now
BAK	Back At Keyboard
BBL	Be Back Later
BBR	Burnt Beyond Recognition
BCNU	Be Seeing You
BFBI	Brute Force and Bloody Ignorance
BFI	Brute Force and Ignorance
BFMI	Brute Force and Massive Ignorance
BFN	Bye For Now
BG	Big Grin
BHOF	Bald Headed Old Fart
BION	Believe It Or Not
BITD	Back In The Day
BM	Byte Me
BNF	Big Name Fan
BNFSCD	But Now For Something Completely Different
BOF	Birds Of a Feather
BOFS	Birds Of a Feather Session
BOT	Back On Topic
BRB	Be Right Back
BSF	But Seriously Folks
BTA	But Then Again
BTAIM	Be That As It May
BTC	Biting The Carpet
BTDT	Been There Done That
BTHOM	Beats The Hell Outta Me
BTIC	But Then, I'am Crazy
BTK	Back To Keyboard
BTSOOM	Beats The Shit Out Of Me
BTW	By The Way
BYKT	But You Knew That
CMH	Cross My Heart
CMIIW	Correct Me If I'm Wrong
CU	See You
CU2	See You, Too
CUL	See You Later
CYA	Cover Your Ass
CYL	See You Later
D+C	Duck + Cover
DAU	Dümmster Anzunehmender User

DHRVVF	Ducking, Hiding and Running Very Very Fast
DILLIGAS	Do I Look Like I Give A Shit
DIY	Do It Yourself
DLTM	Don't Lie To Me
DSH	Desparately Seeking Help
DUCWIC	Do You See Waht I See
DWIM	Do What I Mean
DWISNWID	Do What I Say Not What I Do
DYHWIH	Do You Hear What I Hear
E2EG	Ear To Ear Grin
EG	Evil Grin
EMFBI	Excuse Me For Butting In
EOD	End Of Discussion
ESOSL	Endless Snorts Of Stupid Laughter
ETOL	Evil Twin On Line
F2F	Face to Face
FA	For Auction
FAFWOA	For A Friend Without Access
FB	Fine Business
FCFS	First Come First Served
FHS	For Heaven's Sake
FIAWOL	Fandom Is A Way Of Life
FISH	First In, Still Here
FITB	Fill In The Blank
FITNR	Fixed In The Next Release
FOAF	Friend Of A Friend
FTASB	Faster Than A Speeding Bullet
FTL	Faster Than Light
FUBAR	Fouled Up Beyond All Repair/Recognition
FUBB	Fouled Up Beyond Belief
FUD	(spreading) Fear, Uncertainty, and Disinformation
FWIW	For What It's Worth
FYA	For Your Amusement
GA	Go Ahead
GAFIA	Get Away From It All
GAL	Get A Life
GDR	Grinning, Ducking and Running
GDRVVF	Grinning, Ducking and Running Very, Very Fast
GFC	Going for Coffee
GIGO	Garbage In, Garbage/Gospel Out

GIWIST	Gee I Wish I’d Said That
GOK	God Only Knows
GR+D	Grinning, Running + Ducking
HAK	Hugs And Kisses
HAND	Have A Nice Day
HGZH	Hoffe Geholfen Zu Haben
HHOK	Ha Ha Only Kidding
HHOS	Ha Ha Only Serious
HSIK	How Should I Know
HTH	Hope This/That Helps
IAC	In Any Case
IAE	In Any Event
IANAL	I Am Not A Lawyer
IBC	Inadequate But Cute
IBTD	I Beg To Differ
IC	I See
IC	In Characters
ICOCBW	I Could, Of Course, Be Wrong
ICQ	I Seek You
IDC	I Don’t Care
IDST	I Didn’t Say That
IDTS	I Don’t Think So
IIRC	If I Remember Correctly
IITYWYBMAD	If I Tell You Will You Buy Me Another Drink?
IIWM	If It Were Me/Mine
ILLAB	Ich Liege Lachend Am Boden, vgl. ROTFL
IMAO	In My Arrogant Opinion
IMCO	In My Considered Opinion
IME	In My Experience
IMHO	In My Humble Opinion
IMI	I Mean It
IMNSCO	In My Not So Considered Opinion
IMNSHO	In My Not So Humble Opinion
IMO	In My Opinion
IMOBO	In My Own Biased Opinion
INPO	In No Particular Order
IOW	In Other Words
IRAS	I Really Am Sorry
IRL	In Real Life
ISBT	It’s Strange But True

ISTM	It Seems To Me
ISTR	I Seem To Remember
IUTY	It's Up To You
IWBNI	It Would Be Nice If
IYSWIM	If You See What I Mean
ISWYM	I See What You Mean
JAM	Just A Minute
JAUA	Just Another Useless Answer
JIC	Just In Case
JJ	Just Joking
JSNM	Just Stark Naked Magic
KIBO	Knowledge In, Bullshit Out
KWIM	Know What I Mean?
LLP	Live Long and Prosper
LLTA	Lots and Lots of Thundering Applause
LMAO	Laughing My Ass Off
LOL	Laughing Out Loud
LOL	Lots Of Luck
LTNS	Long Time No See
MDA	Merci d'avance
MHOTY	My Hat's Off To You
MNRE	Manual Not Read Error
MOTAS	Member Of The Appropriate Sex
MTFBWY	May The Force Be With You
MUSEN	Meinem Unmassgeblichen Sprachempfinden Nach
MYOB	Mind Your Own Business
NBD	No Big Deal
NCNCNC	No Coffee, No Chocolate, No Computer
NFI	No Frigging Idea
NFW	No Fucking Way
NIMBY	Not In My Backyard
NLA	Not Long Ago
NLMB	Nolifemuddinbastard
NN	Nightmare Networker
NRN	No Reply Necessary
NSO	Nonvirtual Significant Other
NTTAWWT	Not That There's Anything Wrong With That
OAO	Over And Out
OATUS	On A Totally Unrelated Subject
OAUS	On An Unrelated Subject

OBTW	Oh, By The Way
OBO	Or Best Offer
OFAB	Old Fart At Play
OIC	Oh, I See
ONNA	Oh No, Not Again
ONNTA	Oh No, Not This Again
OOC	Out Of Characters
OOP	Out Of Print
OOTB	Out Of The Box
OOTC	Obligatory On-Topic Comment
OT	Off Topic
OTL	Out To Lunch
OTOH	On The Other Hand
OTTH	On The Third Hand
PDQ	Pretty Darned Quick
PEBKAC	Problem Exists Between Keyboard And Chair
PFM	Pure Fantastic Magic
PITA	Pine In The Ass
PMETC	Pardon Me, etc.
PMFJIB	Pardon Me For Jumping In But
POV	Point Of View
PTO	Please Turn Over
RAEBNC	Read And Enjoyed, But No Comment
RL	Real Life
ROFBTC	Rolling On the Floor Biting The Carpet
ROFL	Rolling On the Floor Laughing
ROFLASTC	Rolling On the Floor Laughing And Scaring The Cat
ROFLMAO	Rolling On The Floor Laughing My Ass Off
ROTFL	Rolling On The Floor Laughing
RSN	Real Soon Now
RTFAQ	Read The FAQ
RTFB	Read The Funny Binary
RTFF	Read The Fantastic FAQ
RTFM	Read The Fine/Fantastic/Funny ... Manual
RTFS	Read The Funny Source
RTM	Read The Manual
RTWFQ	Read The Whole Fantastic Question
RUOK	Are You Ok
RYS	Read Your Screen
SCNR	Sorry, Could Not Resist

SEP	Somebody Else's Problem
SFMJI	Sorry For My Jumping In
SIASL	Stranger In A Strange Land
SIMCA	Sitting In My Chair Amused
SITD	Still In The Dark
SNAFU	Situation Normal All Fed/Fucked Up
TABYAS	Thinking All But You Are Stupid
TAFN	That's All For Now
TANJ	There Ain't No Justice
TANSTAAFL	There Ain't No Such Things As A Free Lunch
TARFU	Things Are Really Fouled Up
TBH	To Be Honest
TFTT	Thanks For The Thought
TGAL	Think Globally, Act Locally
TGIF	Thank God It's Friday
THWLAIAS	The Hour Was Late, And I Am Senile
TIA	Thanks In Advance
TIC	Tongue In Cheek
TINAR	This Is Not A Recommendation/Review
TINWIS	That Is Not What I Said
TMTOWTDI	There's More Than One Way To Do It
TNX	Thanks
TOJ	Tears Of Joy
TPTB	The Powers That Be
TRDMC	Tears Running Down My Cheeks
TSOHF	Total Sense Of Humour Failure
TTBOMK	To The Best Of My Knowledge
TTFN	Ta Ta For Now
TTT	That's The Truth
TTYL	Type/Talk To You Later
TWIU	That's What I Understand/Understood
TYCLO	Turn Your Caps Lock Off
TYVM	Thank You Very Much
UDP	Usenet Death Penalty
UL	Urban Legend
UTSL	Use The Source, Luke
VBG	Very Big Grin
VL	Virtual Life
WAB	What Another Bill
WAMKSAM	Why Are My Kids Staring At Me?

WDYMBT	What Do You Mean By That
WDYS	What Did You Say
WHAK	With Hugs And Kisses
WIBNI	Would It Be Nice If
WIMRE	Wenn Ich Mich Recht Erinnere
WMRS	Write Me Real Soon
WOMBAT	Waste Of Money, Brains, And Time
WRT	With Regard/Respect To
WT	Without Thinking
WTB	Wanted To Buy
WTH	What The Heck/Hell
WTT	Wanted To Trade
WTTM	Without Thinking Too Much
WTTF	Want To Test First
WWG	Wieder Was Gelernt
WYS	Whatever You Say
YKWIS	You Know What I'm Saying
YMMV	Your Mileage May Vary
YTTT	You Telling The Truth

O Beispiele LaTeX

O.1 Textbeispiel

```
% (Kommentar) Erste Hilfe zum Arbeiten mit LaTeX
%
% Das Prozentzeichen leitet Kommentar ein, gilt
% bis Zeilenende. Um ein Prozentzeichen in den Text
% einzugeben, muss man folglich einen Backslash
% davor setzen. Dasselbe gilt fuer Dollar, Ampersand,
% Doppelkreuz, Unterstrich und geschweifte
% Klammern. Diese Zeichen kommen in Befehlen vor.
%
% Format: LaTeX

\NeedsTeXFormat{LaTeX2e}

% Die meisten Befehle beginnen mit einem Backslash.
%
% Es gibt die Klassen Buch, Bericht (Report), Artikel,
% Brief, Folien und weitere. Bericht und Artikel
% sind die wichtigsten.
% Je nach Font und Schriftgroesse Zeilen auskommentieren!
%
% 12 Punkte, doppelseitig, Times Roman (wie Buch)
% \documentclass[12pt,twoside,a4paper]{article}
% \usepackage{german}
% \unitlength1.0mm
%
% 12 Punkte, einseitig, New Century Schoolbook
\documentclass[12pt,a4paper]{article}
\usepackage{german,newcent,verbatim}
\unitlength1.0mm

% Der Befehl \sloppy weist LaTeX an, mit den
% Wortabstaenden nicht zu kleinlich zu sein.
```

```
\sloppy

% Trennhilfe (Liste von Ausnahmen)

\input{hyphen}

% Satzspiegel vergroessern:

\topmargin-24mm
\textwidth180mm
\textheight240mm

% zusaetzlicher Seitenrand fuer beidseitigen Druck:

\oddsidemargin-10mm
\evensidemargin-10mm

% Jetzt kommt der erste Text: Titel, Autor und Datum

\title{Erste Hilfe beim Arbeiten mit LaTeX}
\author{W. Alex}
\date{\today}

% Hier beginnt das eigentliche Dokument

\begin{document}

% Befehl zum Erzeugen des Titels

\maketitle

% Nun kommt der erste Abschnitt (section).
% Die Ueberschrift steht in geschweiften Klammern.
% Es gibt auch Unterabschnitte.

\section{Zweck}

LATeX ist ein {\em Satzsystem}. Mit seiner Hilfe
lassen sich Texte zur Ausgabe auf Papier formatieren,
```

```
vorzugsweise zur Ausgabe mittels eines Laserdruckers.
Es gibt Hilfsprogramme zur Anfertigung von Zeichnungen.
Ferner ist es m"oglich, beliebige Postscript-Abbildungen
einzubinden, also auch Fotos.

LaTeX ist eine Makro-Sammlung von {\sc Leslie Lamport},
die auf dem TeX-System von {\sc Donald Knuth} aufbaut.
TeX und LaTex sind frei verf"ugbar, in Deutschland zum
Beispiel bei der Universit"at Heidelberg (Dante e. V.).

\section{Aufbau des Textfiles}

Schreiben Sie Ihr Textfile mit einem beliebigen Editor,
beispielsweise mit dem \verb+vi+, \verb+emacs+ oder
\verb+joe+. Ein Textfile hat folgenden Aufbau:

% Hier ein woertlich auszugebender Text

\begin{verbatim}
% Kommentar (optional)
\documentclass[12pt,a4paper]{article}
\usepackage{german,verbatim}
\begin{document}
Text
\end{document}
\end{verbatim}

Schreiben Sie den Text ohne Worttrennungen und ohne
Numerierungen. Zeilenwechsel haben keine Bedeutung
f"ur LaTeX, bevorzugen Sie kurze Zeilen. Abs"atze
werden durch Leerzeilen markiert.

Die deutschen Umlaute werden als G"ansef"u\3chen mit
folgendem Grundlaut geschrieben, das \3 als Backslash
mit folgender Ziffer 3. Es gibt weitere M"oglichkeiten,
auch f"ur die Sonderzeichen anderer Sprachen.

\section{Mathematische Formeln}

Eine St"arke von LaTeX ist die Darstellung
```

```
mathematischer Formeln. Hier drei nicht ganz
einfache Beispiele:

\boldmath

\begin{equation}
c = \sqrt{a^{2} + {b}^2}
\end{equation}

\begin{equation}
\oint \vec E\:d\vec s = - \frac {\,\partial}{\partial t}
\int \vec B \:d\vec A
\end{equation}

\begin{equation}
\frac{1}{2 \pi j} \int\limits_{x-j\infty}^{x+j\infty}
e^{ts} \:f(s)\:ds =
\left\{\begin{array}{r@{\quad \mbox{f"ur} \quad}l}
0 & t < 0\\
F(t) & t > 0
\end{array} \right.
\end{equation}

\unboldmath

\section{Schriftgr"o\3en}

Ausgehend von der Grundgr"o\3e lassen sich f"ur
einzelne Zeilen oder Abschnitte die Schriftgr"o\3en
verkleinern oder vergr"o\3ern:

{\tiny Diese Schrift ist winzig (tiny).}

{\scriptsize Diese ist sehr klein (scriptsize).}

{\footnotesize F"ur Fu\3noten (footnotesize).}

{\small Diese Schrift ist klein (small).}

{\normalsize Diese Schrift ist normal.}
```

```
{\large Jetzt wirds gr"o\3er (large).}

{\Large Jetzt wirds noch gr"o\3er (Large).}

{\LARGE Noch gr"o\3er (LARGE).}

{\huge Riesige Schrift (huge).}

{\Huge Gigantisch (Huge).} \\

\noindent
Formeln lassen sich nicht vergr"o\3ern oder
verkleinern. Zur"uck zur Normalgr"o\3e. Diese
betr"agt auf DIN A4 am besten 12 Punkte.
10 oder 11 Punkte sind auch m"oglich, aber schon
etwas unbequem zu lesen. Weiterhin kann man "uber
die Schriftart die Lesbarkeit beeinflussen.
Standard ist die Times Roman, eine gut lesbare,
platzsparende Schrift. Soll es etwas deutlicher
sein, so ist die New Century Schoolbook zu
empfehlen, die rund 10 \% mehr Platz beansprucht.

\section{Arbeitsg"ange}

Die Reihenfolge der einzelnen Schritte ist folgende:

% Aufzaehlungen sind kein Problem, wie man sieht.

\begin{itemize}
\item mit einem Editor das File \verb+abc.tex+ schreiben,
\item mit \verb+latex abc+ das File formatieren,
\item mit \verb+latex abc+ Referenzen einsetzen,
\item mit \verb+xdvi abc+ den formatierten Text anschauen,
\item mit \verb+dvips -o abc.ps abc+ das Postscript-File
      erzeugen,
\item mit \verb+lp -dlp4 abc.ps+ das Postscript-File
      zum Drucker schicken.
\end{itemize}
LaTeX erzeugt dabei einige Zwischen- und Hilfsfiles.
```

```
\section{Literatur}

\begin{enumerate}
\item L. Lamport, LaTeX: A Document Preparation System\\
Addison-Wesley, 1986
\item H. Kopka, LaTeX - Eine Einf"uhrung\\
Addison-Wesley, 1988
\item H. Partl, E. Schlegl, I. Hyna:
      LaTeX-Kurz\-be\-schrei\-bung\\
      EDV-Zentrum der TU Wien
\end{enumerate}

% Nun kommt das Ende des Dokuments:

\end{document}
```

O.2 Gelatexte Formeln

$$c = \sqrt{a^2 + b^2} \tag{O.1}$$

$$\sqrt[3]{1+x} \approx 1 + \frac{x}{3} \qquad \text{für} \quad x \ll 1 \tag{O.2}$$

$$r = \sqrt[3]{\frac{3}{4\pi}V} \tag{O.3}$$

$$\lim_{x \to 0} \frac{\sin x}{x} = 1 \tag{O.4}$$

$$a = \frac{F_0}{k} \frac{1}{\sqrt{(1 - \frac{\Omega^2}{\omega_0^2})^2 + (\frac{\Omega_c}{k})^2}} \tag{O.5}$$

$$m\ddot{x} + c\dot{x} + kx = \sum_k F_k \cos \Omega_k t \tag{O.6}$$

$$\Theta \frac{d^2\varphi}{dt^2} + k^* \frac{d\varphi}{dt} + D^*\varphi = |\vec{D}| \tag{O.7}$$

$$\bar{Y} \approx f(\bar{x}) + \frac{1}{2} \frac{N-1}{N} f''(\bar{x})\, s_x^2 \tag{O.8}$$

$$\vec{F}_\Gamma = -\frac{\Gamma m M}{r^2}\vec{e_r} = -\frac{\Gamma m M}{r^3}\vec{r} \tag{O.9}$$

$$\begin{aligned} \text{Arbeit} &= \lim_{\Delta r_i \to 0} \sum \vec{F}_i \Delta \vec{r}_i \\ &= \int\limits_{\vec{r}_0}^{\vec{r}(t)} \vec{F}(\vec{r})\, d\vec{r} \end{aligned} \tag{O.10}$$

$$\prod_{j\geq 0}\left(\sum_{k\geq 0} a_{jk} z^k\right) = \sum_{n\geq 0} z^n \left(\sum_{\substack{h_0,k_1\ldots\geq 0\\ k_0+k_1+\cdots=0}} a_{0k_o} a_{1k_1}\ldots\right) \tag{O.11}$$

$$\vec{x} = \begin{pmatrix} x - x_s \\ y - y_s \\ z - z_s \end{pmatrix} \tag{O.12}$$

$$\boldsymbol{\Psi} = \begin{pmatrix} \binom{ab}{cd} & \dfrac{e+f}{g-h} \\ \Re z & \begin{vmatrix} ij \\ kl \end{vmatrix} \end{pmatrix} \tag{O.13^1}$$

$$dE_\omega = V \frac{\hbar}{\pi^2 c^3} \omega^3 \cdot e^{-\frac{\hbar\omega}{T}} \cdot d\omega \tag{O.14}$$

$$\oint \vec{E}\, d\vec{s} = -\frac{\partial}{\partial t} \int \vec{B}\, d\vec{A} \tag{O.15}$$

$$\frac{1}{2\pi j} \int\limits_{x-j\infty}^{x+j\infty} e^{ts}\, f(s)\, ds = \left\{ \begin{array}{rll} 0 & \text{für} & t < 0 \\ F(t) & \text{für} & t > 0 \end{array} \right. \tag{O.16}$$

$$\binom{n+1}{k} = \binom{n}{k} + \binom{n}{k-1} \tag{O.17}$$

---

[1] Fette Griechen gibt es nur als Großbuchstaben. Die Erzeugung dieser Fußnote war übrigens nicht einfach.

$$\boxed{\forall x \in \mathrm{R}: \qquad x^2 \geq 0} \tag{O.18}$$

$$\forall x, y, z \in \mathrm{M}: \qquad (xRy \wedge xRz) \Rightarrow y = z \tag{O.19}$$

$$A \cdot B = \overline{\bar{A} + \bar{B}} \tag{O.20}$$

$$\rho \cdot \bar{v}_k \cdot \frac{\partial \bar{v}_j}{\partial x_k} = -\frac{\partial \bar{p}}{\partial x_j} + \frac{\partial}{\partial x_k} \left(\mu \frac{\partial \bar{v}_j}{\partial x_k} - \rho\, \overline{v_k' v_j'} \right) \tag{O.21}$$

$$r' = \frac{\overline{v_1' v_2'}}{\sqrt{\bar{v_1'^2}}\, \sqrt{\bar{v_2'^2}}} \tag{O.22}$$

$$\tau_{tur} = \rho l^2 \, |\frac{\partial \bar{v}_1}{\partial x_2}| \, \frac{\partial \bar{v}_1}{\partial x_2} \tag{O.23}$$

$$\begin{array}{rcl} \ddot{R} & = & \frac{1}{\Psi}(V_r - \dot{R}) + R\dot{\Phi}^2 \\ \ddot{\Phi} & = & \big[\frac{1}{\Psi}(V_\varphi - R\dot{\Phi}) - 2\dot{R}\dot{\Phi}\big]\frac{1}{R} \\ \ddot{Z} & = & \frac{1}{\Psi}(V_Z - \dot{Z}) \end{array} \tag{O.24}$$

$$\hat{\chi}^2 = \frac{n(n-1)}{B(n-B)} \sum_{i=1}^{k} \frac{(B_i - E_i)^2}{n_i} > \chi^2_{k-1;\alpha} \tag{O.25}$$

$$V(r, \vartheta, \varphi) = \sum_{l=0}^{\infty} \frac{4\pi}{2l+1} \sum_{m=-l}^{l} q_{l,m} \frac{Y_{l,m}\vartheta, \varphi)}{r^{l+1}} \tag{O.26}$$

$$\vec{q} = \begin{pmatrix} q_{0,0} \\ q_{1,1} \\ q_{1,0} \\ q_{1,-1} \\ q_{2,2} \\ q_{2,1} \\ q_{2,0} \\ q_{2,-1} \\ q_{2,-2} \end{pmatrix} \tag{O.27}$$

$$q'_{l',m'} = \sum_{o=0}^{\infty} \sum_{p=-o}^{o} n_{o,p}\; q_{o,p}\; (\nabla)_{l'+o,m'-p;o,p}\, \frac{Y_{l'+o,m'-p}(\vartheta_a,\varphi_a)}{a^{l'+o+1}} \tag{O.28}$$

$$q_{l,m} = -q'_{l,m} R^{2l+1}\, \frac{l(\epsilon_i-\epsilon_a)}{l(\epsilon_a+\epsilon_i)+\epsilon_a} \tag{O.29}$$

$$\vec{q'}_{1,1} = \vec{q'}_{1,0} + I_{2,1}\; \vec{q'}_{2,0} \tag{O.30}$$

$$\vec{q'}_{2,1} = \vec{q'}_{2,0} + I_{1,2}\; \vec{q'}_{1,0} \tag{O.31}$$

$$\begin{aligned} &\nabla_{\pm 1} \sum_{l=0}^{\infty} \frac{4\pi}{2l+1} \sum_{m=-l}^{l} q_{l,m}\, \frac{Y_{l,m}(\vartheta,\varphi)}{r^{l+1}} \\ &= \sum_{l=0}^{\infty} \frac{4\pi}{2l+1} \sum_{m=-l}^{l} (\tilde{\nabla_{\pm 1}})_{l,m}\, q_{l,m}\, \frac{Y_{l+1,m\pm 1}(\vartheta,\varphi)}{r^{l+2}} \end{aligned} \tag{O.32}$$

$$\underbrace{a+\overbrace{b+\cdots+y}^{123}+z}_{\alpha\beta\gamma}$$

Lange Formeln muß man selbst in Zeilen auflösen:

$$\begin{aligned} &w+x+y+z = \\ &\qquad a+b+c+d+e+f+ \\ &\qquad g+h+i+j+k+l \end{aligned} \tag{O.33}$$

$$N_{+1} = \begin{pmatrix}
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
(\tilde{\nabla}_{+})_{0,0} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & (\tilde{\nabla}_{+})_{1,1} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & (\tilde{\nabla}_{+})_{1,0} & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & (\tilde{\nabla}_{+})_{1,-1} & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,2} & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,1} & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,0} & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,-1} & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,-2} \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0
\end{pmatrix}$$

Wie man an Gleichung (O.24) auf Seite 97 sieht, muß man erforderlichenfalls bei einem Gleichungssystem (`eqnarray`) mittels des Kommandos `\nonumber` dafür sorgen, daß es nur eine einzige, gemeinsame Nummer erhält. Zugleich ist dies hier ein Beispiel für einen Bezug auf eine Gleichung.

O.3 Formeln im Quelltext

```
\begin{equation}
c = \sqrt{a^{2} + b^{2}}
\end{equation}

\begin{equation}
\sqrt[3]{1 + x} \approx 1 + \frac{x}{3}
\qquad \mbox{f"ur} \quad x \ll 1
\end{equation}

\begin{equation}
r = \root 3 \of {\frac{3}{4\pi} V}
```

```
\end{equation}

\begin{equation}
\lim_{x \to 0} \frac{\sin x}{x} = 1
\end{equation}

\begin{equation}
a = \frac{F_0}{k}\:\frac{1}{\sqrt{(1 - \frac{\Omega^2}
{\omega_0^2})^2 + (\frac{\Omega_c}{k})^2}}
\end{equation}

\begin{equation}
m\ddot x + c\dot x + kx = \sum_k F_k \cos \Omega_k t
\end{equation}

\begin{equation}
\Theta \frac{d^2 \varphi}{dt^2} + k^\ast \frac{d \varphi}{dt}
+ D^\ast \varphi = | \vec D |
\end{equation}

\begin{equation}
\bar{Y} \approx f(\bar x) + \frac{1}{2}\, \frac{N - 1}{N}
\,f’’(\bar{x})\,s_x^2
\end{equation}

\begin{equation}
\vec{F_\Gamma} = - \frac{\Gamma m M}{r^2} \vec{e_r} =
 - \frac{\Gamma m M}{r^3} \vec{r}
\end{equation}

\begin{eqnarray}
\mbox{Arbeit} & = & \lim_{\Delta r_i \to 0} \sum
{\vec F_i \Delta \vec r_i}\nonumber \\
& = & \int\limits_{\vec r_0}^{\vec r(t)}
{\vec F(\vec r\,)\:d\vec r}
\end{eqnarray}

\begin{equation}
\prod_{j\ge0}\left( \sum_{k\ge0} a_{jk}z^k \right) =
\sum_{n \ge0} z^n \left(\sum_{h_0,k_1\ldots\ge0
```

```
\atop k_0+k_1+\cdots=0}
a_{0k_o} a_{1k_1}\ldots \right)
\end{equation}

\begin{equation}
\vec x =
\left( \begin{array}{c}
x - x_s \\
y - y_s \\
z - z_s \\
\end{array} \right)
\end{equation}

\begin{minipage}{120mm}
\begin{displaymath}
{\bf\Psi} = \left( \begin{array}{cc}
\displaystyle{ab \choose cd}
& \displaystyle \frac{e+f}{g-h} \\
\Re z & \displaystyle \left| {ij \atop kl} \right|
\end{array} \right)
\end{displaymath}
\end{minipage}
\stepcounter{equation}
\hspace*{\fill} (\theequation)\makebox[0pt][l]{\footnotemark}
\footnotetext{Fette Griechen gibt es nur als Gro\3buchstaben.
Die Erzeugung dieser Fu\3note war "ubrigens nicht einfach.}
\vspace{1mm}

\begin{equation}
dE_\omega = V \frac{\hbar}{\pi^2 c^3}\omega^3 \cdot
e ^{-\frac{\hbar \omega} {T}} \cdot d\omega
\end{equation}

\begin{equation}
\oint \vec E\:d\vec s = - \frac {\,\partial}{\partial t}
\int \vec B \:d\vec A
\end{equation}

\begin{equation}
\frac{1}{2 \pi j} \int\limits_{x-j\infty}^{x+j\infty}
```

```
e^{ts} \:f(s)\:ds =
\left\{\begin{array}{r@{\quad \mbox{f"ur} \quad}l}
0 & t < 0\\
F(t) & t > 0
\end{array} \right.
\end{equation}

\begin{equation}
{n+1 \choose k} = {n \choose k} + {n \choose k-1}
\end{equation}

\begin{equation}
\mbox{
\fbox{\parbox{60mm}{\begin{displaymath}
\forall x \in {\rm R}: \qquad x^2 \geq 0
\end{displaymath}}}}
\end{equation}
\vspace{1mm}

\begin{equation}
\forall x,y,z \in {\rm M}: \qquad (xRy \wedge xRz)
\Rightarrow y = z
\end{equation}

\begin{equation}
A \cdot B = \overline{\bar A + \bar B}
\end{equation}

\begin{equation}
\rho \cdot \bar{v}_k \cdot \frac{\partial \bar{v}_j}
{\partial{x}_k} = - \frac{\partial \bar{p}}
{\partial x_j} + \frac{\partial}{\partial x_k}
\left( \mu \frac{\partial \bar{v}_j}{\partial x_k}
- \rho\:\overline{v’_k v’_j} \right)
\end{equation}

\begin{equation}
r’ = \frac{\overline{v’_1 v’_2}}{\sqrt{\bar{v’^2_1}}
\: \sqrt{\bar{v’^2_2}}}
\end{equation}
```

```
\begin{equation}
\tau_{tur} = \rho l^2 \; | \frac{\partial \bar{v_1}}
{\partial x_2} | \; \frac{\partial \bar{v_1}}{\partial x_2}
\end{equation}

\begin{eqnarray}
\label{formel}
\ddot R & = & \frac{1}{\Psi} ( V_r - \dot R)
+ R {\dot \Phi}^2 \nonumber\\
\ddot \Phi & = & \big\lbrack \frac{1}{\Psi}
(V_\varphi - R \dot \Phi )
- 2 \dot R \dot \Phi \big\rbrack \frac{1}{R} \\
\ddot Z & = & \frac{1}{\Psi}(V_Z-\dot Z) \nonumber\\
\nonumber
\end{eqnarray}

\begin{equation}
{\hat\chi}^2 = \frac{n(n-1)}{B(n-B)} \sum_{i=1}^k
\frac{(B_i - E_i)^2}{n_i} > \chi_{k-1;\alpha}^2
\end{equation}

\begin{equation}
V(r,\vartheta,\varphi)=\sum\limits_{l=0}^\infty
\frac{4\pi}{2l+1}
\sum\limits_{m=-l}^l \, q_{l,m} \frac{Y_{l,m}
\vartheta,\varphi)}{r^{l+1}}
\end{equation}

\begin{eqnarray}
\vec{q}= \left(\begin{array}{c}
q_{0,0}\\
q_{1,1}\\q_{1,0}\\q_{1,-1}\\
q_{2,2}\\q_{2,1}\\q_{2,0}\\q_{2,-1}\\q_{2,-2}\\
\end{array} \right)
\end{eqnarray}

\begin{equation}
q’_{l’,m’}=\sum\limits_{o=0}^\infty\sum\limits_{p=-o}^o
n_{o,p} \; q_{o,p} \; (\nabla)_{l’+o,m’-p;o,p} \,
```

```
\frac{Y_{l’+o,m’-p}(\vartheta_a,\varphi_a)}{a^{l’+o+1}}
\end{equation}

\begin{equation}
q_{l,m}= -q’_{l,m} R^{2l+1} \,
\frac{l(\epsilon_i-\epsilon_a)}
{l(\epsilon_a+\epsilon_i)+\epsilon_a}
\end{equation}

\begin{eqnarray}
\vec{q’}_{1,1}=\vec{q’}_{1,0}+I_{2,1} \; \vec{q’}_{2,0}\\[0.3cm]
\vec{q’}_{2,1}=\vec{q’}_{2,0}+I_{1,2} \; \vec{q’}_{1,0}
\end{eqnarray}

\begin{eqnarray}
\lefteqn{\nabla_{\pm 1} \sum\limits_{l=0}^{\infty}
\frac{4\pi}{2l+1} \,
\sum\limits_{m=-l}^{l} \: q_{l,m} \: \frac{Y_{l,m}
(\vartheta,\varphi)}{r^{l+1}}}
\nonumber \\[0.3cm]
&&=\sum\limits_{l=0}^{\infty}\frac{4\pi}{2l+1} \,
\sum\limits_{m=-l}^{l} \: (\tilde{\nabla_{\pm 1}})_{l,m}
\, q_{l,m} \:
\frac{Y_{l+1,m \pm 1}(\vartheta,\varphi)}{r^{l+2}}
\end{eqnarray}

\[ \underbrace{a + \overbrace{b + \cdots + y}^{123}
                 + z}_{\alpha\beta\gamma}         \]

Lange Formeln mu\3 man selbst in Zeilen aufl"osen:
\begin{eqnarray}
\lefteqn{w + x + y + z = } \hspace{1cm} \nonumber\\
   & & a + b + c + d + e + f + \\
   & & g + h + i + j + k + l \nonumber
\end{eqnarray}

\begin{eqnarray*}
N_{+1}=\left(\begin{array}{*{8}{c@{\;}}c}
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
(\tilde{\nabla}_{+})_{0,0} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
```

```
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
0 & (\tilde{\nabla}_{+})_{1,1} & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
0 & 0 & (\tilde{\nabla}_{+})_{1,0} & 0 & 0 & 0 & 0 & 0 & 0\\
0 & 0 & 0 & (\tilde{\nabla}_{+})_{1,-1} & 0 & 0 & 0 & 0 & 0\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,2} & 0 & 0 & 0 & 0\\
0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,1} & 0 & 0 & 0\\
0 & 0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,0} & 0 & 0\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,-1} & 0\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & (\tilde{\nabla}_{+})_{2,-2}\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\\
\end{array}\right)
\end{eqnarray*}

\vspace{8mm}
Wie man an Gleichung (\ref{formel}) auf Seite \pageref{formel}
sieht, mu\3 man erforderlichenfalls bei einem Gleichungssystem
({\tt eqnarray}) mittels des Kommandos \verb+\nonumber+ daf"ur
sorgen, da\3 es nur eine einzige, gemeinsame Nummer erh"alt.
Zugleich ist dies hier ein Beispiel f"ur einen Bezug auf eine
Gleichung.
```

P Spezielle Sprachen

P.1 Hayes-Modem-Kommandos

Die Firma Hayes stellt Modems her und hat für diese einen Satz von Kommandos geschaffen, der sich weltweit durchgesetzt hat. Die meisten Modems verstehen eine Übermenge des Standard-Befehlssatzes von Hayes. Da diese Kommandos (mit einer Ausnahme) mit `at` (= attention please) beginnen, werden sie auch als at-Kommandos bezeichnet. Es dürfen Groß- oder Kleinbuchstaben verwendet werden, jedoch nicht gemischt.

ata	Answer Command
atb0	Select CCITT Communication Standard
atb1	Select USA/Canada Communication Standard
atc	Carrier Control Selection
atd	Dial Command
ate	Command State Character Echo Selection
atf	On-line State Character Echo Selection
ath	Hook Command Options
ati	Internal Memory Tests
atl	Speaker Volume Level Selection
atm	Speaker On/Off Selection
atn	Negotiation of Handshake Options
ato	On-line Command
atp	Select Pulse Dialing Method
atq	Result Code Display Options
atsn=r	Write to S-Register n
atsn?	Read from S-Register n
att	Select Tone Dialing Method
atv	Result Code Format Options
atw	Negotiation Progress Message Selection
atx	Call Progress Options
aty	Long Space Disconnect Options
atz	Soft Reset
at&b	V.32 Auto Retrain Options
at&c	Data Carrier Detect Options

at&d	Data Terminal Ready Options
at&f	Recall Factory Profile
at&g	Guard Tone Selection
at&j	Jack Type Selection
at&k	Local Flow Control Options
at&l	Line Type Selection
at&o	PAD Channel Selection
at&q	Communications Mode Options
at&r	RTS/CTS Options
at&s	Data Set Ready Options
at&t	Test Options
at&u	Trellis Coding Options
at&v	View Configuration Profiles
at&w	Write Active Profile to Memory
at&x	Synchronous Transmit Clock Source
at&y	Select Stored Profile for Hard Reset
at&z	Store Telephone Number

Mehrere Kommandos dürfen zu einer Zeile vereinigt werden, wobei der `at`-Vorspann nur einmal zu Beginn erforderlich ist. Mit RETURN wird das Kommando beendet und die Ausführung veranlaßt. Um im transparenten Modus (das heißt während des Übertragens) in den Befehlsmodus zu schalten, ohne die Verbindung abzubrechen, ist das Kommando +++ gefolgt von einer Pause von mindestens 1 sec zu geben. Eine für Deutschland verwendbare Startsequenz lautet:

```
ATZ
AT S7=45 S0=0 V1 X3
ATDP 0721,38340
```

Die erste Zeile sorgt für ein Reset, dann wird das Register S7 auf 45 Sekunden gesetzt. Falls das Modem innerhalb dieser Zeit nach dem Wählvorgang keine Antwort bekommt, legt es wieder auf. Der Wert 0 im Register S0 bewirkt, daß das Modem ankommende Anrufe nicht beantwortet, also nur für abgehende Verbindungen eingerichtet ist. Das Kommando `V1` teilt dem Modem mit, Statusmeldungen (result codes) in Wortform, nicht als Zahlen auszugeben. `X3` schließlich legt ein bestimmtes Antwortverhalten des Modems fest. Die letzte Zeile veranlaßt die

Wahl der Nummer 0721-Pause-60451 im hierzulande gebräuchlichen Pulswählverfahren. Geht alles gut, pfeift ein Modem des Rechenzentrums der Universität Karlsruhe zurück.

Q ISO 3166 Ländercodes

Bei den Namen von Computern im Internet ist es außerhalb der USA üblich, als letzten Teil den Ländercode nach ISO 3166 anzugeben. Dies ist nicht zwingend, es gibt Bezeichnungen, die eine Organisation angeben und daher nicht von ISO 3166 erfaßt werden. Die vollständige Tabelle findet sich unter `ftp://ftp.ripe.net/iso3166-countrycodes`.

Land	A 2	A 3	Nummer
ALBANIA	AL	ALB	008
ALGERIA	DZ	DZA	012
ANDORRA	AD	AND	020
ARGENTINA	AR	ARG	032
AUSTRALIA	AU	AUS	036
AUSTRIA	AT	AUT	040
BAVARIA, FREE STATE OF	FB	FBA	999
BAHAMAS	BS	BHS	044
BELARUS	BY	BLR	112
BELGIUM	BE	BEL	056
BOLIVIA	BO	BOL	068
BOSNIA AND HERZEGOWINA	BA	BIH	070
BRAZIL	BR	BRA	076
BULGARIA	BG	BGR	100
CANADA	CA	CAN	124
CHILE	CL	CHL	152
CHINA	CN	CHN	156
CHRISTMAS ISLAND	CX	CXR	162
COCOS ISLANDS	CC	CCK	166
COLOMBIA	CO	COL	170
CROATIA	HR	HRV	191
CYPRUS	CY	CYP	196
CZECH REPUBLIC	CZ	CZE	203
DENMARK	DK	DNK	208
ECUADOR	EC	ECU	218
EGYPT	EG	EGY	818

ESTONIA	EE	EST	233
FAROE ISLANDS	FO	FRO	234
FINLAND	FI	FIN	246
FRANCE	FR	FRA	250
GEORGIA	GE	GEO	268
GERMANY	DE	DEU	276
GIBRALTAR	GI	GIB	292
GREECE	GR	GRC	300
GREENLAND	GL	GRL	304
HONG KONG	HK	HKG	344
HUNGARY	HU	HUN	348
ICELAND	IS	ISL	352
INDIA	IN	IND	356
INDONESIA	ID	IDN	360
IRELAND	IE	IRL	372
ISRAEL	IL	ISR	376
ITALY	IT	ITA	380
JAPAN	JP	JPN	392
KOREA, REPUBLIC OF	KR	KOR	410
LATVIA	LV	LVA	428
LEBANON	LB	LBN	422
LIECHTENSTEIN	LI	LIE	438
LITHUANIA	LT	LTU	440
LUXEMBOURG	LU	LUX	442
MACEDONIA, REPUBLIC OF	MK	MKD	807
MALAYSIA	MY	MYS	458
MALTA	MT	MLT	470
MEXICO	MX	MEX	484
MONACO	MC	MCO	492
MOROCCO	MA	MAR	504
NETHERLANDS	NL	NLD	528
NEW ZEALAND	NZ	NZL	554
NIUE	NU	NIU	570
NORWAY	NO	NOR	578
PAKISTAN	PK	PAK	586
PERU	PE	PER	604
POLAND	PL	POL	616
PORTUGAL	PT	PRT	620
QATAR	QA	QAT	634
ROMANIA	RO	ROM	642

RUSSIAN FEDERATION	RU	RUS	643
SAN MARINO	SM	SMR	674
SAUDI ARABIA	SA	SAU	682
SINGAPORE	SG	SGP	702
SLOVAKIA	SK	SVK	703
SLOVENIA	SI	SVN	705
SOUTH AFRICA	ZA	ZAF	710
SPAIN	ES	ESP	724
SRI LANKA	LK	LKA	144
SWEDEN	SE	SWE	752
SWITZERLAND	CH	CHE	756
TAIWAN	TW	TWN	158
TONGA	TO	TON	776
TRINIDAD + TOBAGO	TT	TTO	780
TUNISIA	TN	TUN	788
TURKEY	TR	TUR	792
UKRAINE	UA	UKR	804
UNITED KINGDOM	GB	GBR	826
UNITED STATES	US	USA	840
URUGUAY	UY	URY	858
VATICAN	VA	VAT	336
VENEZUELA	VE	VEN	862
YUGOSLAVIA	YU	YUG	891

R Requests For Comment (RFCs)

Das Internet wird nicht durch Normen, sondern durch RFCs (Request For Comments) beschrieben, gegenwärtig etwa 4000 an der Zahl (Okt. 2004). Wird ein RFC durch einen neueren abgelöst, bekommt dieser auch eine neue, höhere Nummer. Es gibt also keine Versionen oder Ausgaben wie bei den DIN-Normen. Die BCPs und FYIs behalten ihre Nummer, auch wenn dahinter ein neuer RFC steht. Sucht man eine Information, besorgt man sich einen aktuellen Index der RFCs und startet in den Titeln, bei der höchsten Nummer beginnend, eine Stichwortsuche. Einige RFCs sind zugleich FYIs (For Your Information) mit eigener Zählung. Diese enthalten einführende Informationen. Andere RFCs haben den Rang von offiziellen Internet-Protokoll-Standards mit zusätzlicher, eigener Numerierung, siehe RFC 2900 *Internet Official Protocol Standards* vom August 2001, wobei ein Standard mehrere RFCs umfassen kann. Schließlich sind einige RFCs zugleich BCPs (Best Current Practice), siehe RFC 1818, oder RTRs (RARE Technical Report). Eine vollständige Sammlung findet sich auf `ftp.nic.de/pub/rfc/`. Die Dateien mit den Übersichten sind:

- Request For Comments: `rfc-index.txt`, 600 kbyte,
- For Your Information: `fyi-index.txt`, 10 kbyte,
- Internet Standard: `std-index.txt`, 10 kbyte,
- Best Current Practice: `bcp-index.txt`, 20 kbyte.

Ähnlich auch bei `www.rfc-editor.org/`. Zusammenfassungen (Abstracts) der Entwürfe (Internet Drafts) zu kommenden RFCs finden sich bei `www.ietf.org/ietf/1id-abstracts.txt`. Genießen Sie RFCs, die an einem ersten April erschienen sind, mit Vorsicht. Hier folgt eine Auswahl von RFCs, nach der Nummer sortiert.

R.1 Ausgewählte RFCs, ohne FYIs

0001	Host Software (1969)
0681	Network Unix (1975)
0783	The TFTP Protocol (1981)
0814	Name, Addresses, Ports, and Routes (1982)
0821	Simple Mail Transfer Protocol (1982)
0894	A Standard for the Transmission of IP Datagrams over Ethernet Networks (1984)
0902	ARPA-Internet Protocol policy (1984)
0959	File Transfer Protocol (1985)
1000	The Request For Comments Reference Guide (1987)
1034	Domain names – concepts and facilities (1987)
1036	Standard for Interchange of USENET Messages (1987)
1087	Ethics and the Internet (1989)
1094	NFS: Network File System Protocol Specification (1989)
1118	Hitchhiker's Guide to the Internet (1989)
1122	Requirements for Internet Hosts – Communication Layers (1989)
1123	Requirements for Internet Hosts – Application and Support (1989)
1173	Responsibilities of Host and Network Managers (1991)
1180	TCP/IP Tutorial (1991)
1208	Glossary of Networking Terms (1991)
1211	Problems with the Maintenance of Large Mailing Lists (1991)
1281	Guidelines for the secure operations of the Internet (1991)
1295	User bill of rights for entries and listing in the public directory (1992)
1296	Internet Growth (1981 – 1991) (1992)
1310	Internet standards process (1992)
1327	Mapping between X.400(1988)/ISO 10021 and RFC 822 (1992)
1331	Point-to-Point Protocol (PPP) (1992)
1336	Who's who in the Internet (1992)
1340	Assigned Numbers (1992)
1345	Character Mnemonics and Character Sets (1992)
1361	Simple Network Time Protocol (1992)
1378	PPP AppleTalk Control Protocol (1992)
1432	Recent Internet books (1993)
1436	Internet Gopher Protocol (1993)
1441	SMTP Introduction to version 2 of the Internet-standard Network Management Framework (1993)
1459	Internet Relay Chat Protocol (1993)
1460	Post Office Protocol - Version 3 (1993)

1466	Guidelines for Management of IP Address Space (1993)
1475	TP/IX: The Next Internet (1993)
1501	OS/2 User Group (1993)
1506	A Tutorial on Gatewaying between X.400 and Internet Mail (1993)
1510	The Kerberos Network Authentication Service (1993)
1511	Common Authentication Technology Overview (1993)
1591	Domain Name System Structure and Delegation (1994)
1601	Charter of the Internet Architecture Board (IAB) (1994)
1602	The Internet Standards Process (1994)
1603	IETF Working Group Guidelines and Procedures (1994)
1607	A VIEW FROM THE 21ST CENTURY (1994)
1610	Internet Official Protocol Standards (1994)
1618	PPP over ISDN (1994)
1661	The Point-to-Point Protocol (PPP) (1994)
1684	Introduction to White Pages Services based on X.500 (1994)
1690	Introducing the Internet Engineering and Planning Group (IEPG) (1994)
1700	ASSIGNED NUMBERS (1994)
1704	On Internet Authentication (1994)
1738	Uniform Resource Locators (URL) (1994)
1750	Randomness Recommendations for Security (1994)
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2185 Routing Aspects of IPv6 Transition (1997)
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2542	Terminology and Goals for Internet Fax (1999)
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2577	FTP Security Considerations (1999)
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2637	Point-to-Point Tunneling Protocol (1999)
2639	Internet Printing Protocol/Implementer's Guide (1999)
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2647	Benchmarking Terminology for Firewall Performance (1999)
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2659	Security Extensions For HTML (1999)
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2685	Virtual Private Networks Identifier (1999)
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2766	Network Address Translation – Protocol Translation (2000)
2773	Encryption using KEA and SKIPJACK (2000)
2775	Internet Transparency (2000)
2822	Internet Message Format (2001)
2828	Internet Security Glossary (2000)
2839	Internet Kermit Service (2000)
2860	Memorandum of Understanding Concerning the Technical Work of the Internet Assigned Numbers Authority (2000)
2874	DNS Extensions to Support IPv6 Address Aggregation and Renumbering (2000)
2875	Diffie-Hellman Proof-of-Possession Algorithms (2000)
2888	Secure Remote Access with L2TP (2000)
2901	Guide to Administrative Procedures of the Internet Infrastructure (2000)
2910	Internet Printing Protocol/1.1 (2000)

2913	MIME Content Types in Media Feature Expressions (2000)
2924	Accounting Attributes and Record Formats (2000)
2929	Domain Name System (DNS) IANA Considerations (2000)
2938	Identifying Composite Media Features (2000)
2960	Stream Control Transmission Protocol (2000)
2965	HTTP State Management Mechanism (2000)
2969	Wide Area Directory Deployment (2000)
2977	Mobile IP Authentication, Authorization and Accounting Reqirements (2000)
2979	Behavior of and Requirements for Internet Firewalls (2000)
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3001	A URN Namespace of Object Identifiers (2000)
3002	Overview of 2000 IAB Wireless Internetworking Workshop (2000)
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3010	NFS Version 4 Protocol (2000)
3013	Recommended Internet Service Provider Security Services and Procedures (2000)
3028	Sieve: A Mail Filtering Language (2001)
3031	Multiprotocol Label Switching Architecture (2001)
3036	LDP Specification (2001)
3076	Canonical XML Version 1.0 (2001)
3072	Structured Data Exchange Format (SDXF) (2001)
3093	Firewall Enhancement Protocol (FEP) (2001)
3106	ECML v1.1: Field Specifications for E-Commerce (2001)
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3143	Known HTTP Proxy/Caching Problems (2001)
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0748	Telnet randomly-lose option (1978)
0777	Internet Control Message Protocol (1981)
0779	Telnet send-location option (1981)
0852	ARPANET short blocking feature (1983)
0893	Trailer encapsulations (1984)

0894	Standard for the transmission of IP datagrams over Ethernet networks (1984)
0895	Standard for the transmission of IP datagrams over experimental Ethernet networks (1984)
1147	FYI on a Network Management Tool Catalog
0898	Gateway special interest group meeting notes (1984)
0904	Exterior Gateway Protocol formal specification (1984)
0905	ISO Transport Protocol specification ISO DP 8073 (1984)
0940	Toward an Internet standard scheme for subnetting (1985)
0941	Addendum to the network service definition covering network layer addressing (1985)
0943	Assigned numbers (1985)
0944	Official ARPA-Internet protocols (1985)
0982	Guidelines for the specification of the structure of the Domain Specific Part (DSP) of the ISO standard NSAP adress (1986)
0983	ISO transport arrives on top of the TCP (1986)
0995	End System to Intermediate System Routing Exchange Protocol for use in conjunction with ISO 8473 (1986)
0999	Requests For Comments summary notes: 900 - 999 (1987)
1004	Distributed=protocol authentication scheme (1987)
1050	RPC: Remote Procedure Call Protocol specification (1988)
1052	IAB recommendations for the development of Internet network management standards (1988)
1053	Telnet X.3 PAD option (1988)
1095	Common Management Information Services and Protocol over TCP/IP (1989)
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1147	FYI on a Network Management Tool Catalog: Tools for Monitoring and Debugging TCP/IP Internets and Interconnected Devices (1990)
1149	Standard for the transmission of IP datagrams on avian carriers (1990)
1151	Version 2 of the Reliable Data Protocol (RDP) (1990)
1152	Workshop report: Internet research steering group workshop on very-high-speed networks (1990)
1153	Digest message format (1990)
1154	Encoding header field for internet messages (1990)
1200	IAB official protocol standards (1991)

1214	OSI internet management: Management Information Base (1991)
1216	Gigabit network economics and paradigm shifts (1991)
1217	Memo from the Consortium for Slow Commotion Research (1991)
1218	Naming scheme for c=US (1991)
1219	On the assignment of subnet numbers (1991)
1220	Point-to-Point Protocol extensions for bridging (1991)
1221	Host access protocol (HAP) specification: Version 2 (1991)
1313	Today's Programming for KRFC AM 1313 Internet Talk Radio (1992)
1437	The Extension of MIME Content-Types to a New Medium (1993)
1438	IETF Statements of Boredom (SOBs) (1993)
1605	SONET to Sonnet Translation (1994)
1606	A Historical Perspective On The Usage Of IP Version 9 (1994)
1607	A View from the 21st Century (1994)
1776	The Address is the Message (1995)
1924	A Compact Representaion of IPv6 Adresses (1996)
1925	The Twelve Networking Truths (1996)
1926	An Experimental Encapsulation of IP Datagrams on Top of ATM (1996)
1927	Suggested Additional MIME Types for Associating Documents (1996)
2100	The Naming of Hosts (1997)
2321	RITA – The Reliable Internetwork Troubleshooting Agent (1998)
2322	Management of IP numbers by peg-dhcp (1998)
2323	IETF Identification and Security Guidelines (1998)
2324	Hypertext Coffee Pot Control Protocol HTCPCP/1.0 (1998)
2325	Definitons of Managed Objects for Drip-Type Heated Beverage Hardware Devices Using SMIv2 (1998)
2549	IP Over Avian Carriers with Quality of Service (1999)
2550	Y10K and Beyond (1999)
2551	The Roman Standards Process – Revision III (1999)
2795	The Infinite Monkey Protocol Suite (2000)
3091	Pi Digit Generation Protocol (2001)
3092	Etymology of *Foo* (2001)
3093	Firewall Enhancement Protocol (FEP) (2001)
3251	Electricity over IP (2002)
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0002	FYI on a Network Management Tool Catalog: Tools for monitoring

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0003	FYI on Where to Start: A bibliography of internetworking information (1991) (RFC1175)
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0008	Site Security Handbook (1997) (RFC2196)
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0010	There is Gold in them thar Networks! or Searching for Treasure in all the Wrong Places (1993) (RFC1402)
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0013	Executive Introduction to Directory Services Using the X.500 Protocol (1992) (RFC1308)
0014	Technical Overview of Directory Services Using the X.500 Protocol (1992) (RFC1309)
0015	Privacy and Accuracy Issues in Network Information Center Databases (1992) (RFC1355)
0016	Connecting to the Internet – What Connecting Institutions Should Anticipate (1992) (RFC1359)
0017	The Tao of IETF - A Guide for New Attendees of the Internet Engineering Task Force (2001) (RFC3160)
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0019	FYI on Introducing the Internet – A Short Bibliography of Introductory Internetworking Readings (1993) (RFC1463)
0020	FYI on What is the Internet (1993) (RFC1462)
0021	A Survey of Advanced Usages of X.500 (1993) (RFC1491)
0022	Frequently Asked Questions for Schools (1996) (RFC1941)
0023	Guide to Network Resource Tool (1994) (RFC1580)
0024	How to Use Anonymous FTP (1994) (RFC1635)
0025	A Status Report on Networked Information Retrieval: Tools and Groups (1994) (RFC1689)
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R.4 Alle BCPs

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0003 Variance for The PPP Connection Control Protocol and The PPP Encryption Control Protocol (1996) (RFC1915)
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0012 Internet Registry IP Allocation Guidelines (1996) (RFC2050)
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0019 IANA Charset Registration Procedures (2000) (RFC2978)

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0021 Expectations for Computer Security Incident Response (1998) (RFC2350)

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0031 Media Feature Tag Registration Procedure (1999) (RFC2506)

0032 Reserved Top Level DNS Names (1999) (RFC2606)

0033 URN Namespace Definition Mechanisms (1999) (RFC2611)

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0035 Registration Procedures for URL Scheme Names (1999) (RFC2717)

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0040 Root Name Server Operational Requirements (2000) (RFC2870)

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0044 Use of HTTP State Management (2000) (RFC2964)

0045 IETF Discussion List Charter (2000) (RFC3005)
0046 Recommended Internet Service Provider Security Services and Procedures (2000) (RFC3013)
0047 Tags for the Identification of Languages (2001) (RFC3066)
0048 End-to-end Performance Implications of Slow Links (2001) (RFC3150)
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0051 IANA Guidelines for IPv4 Multicast Address Assignments (2001) (RFC3171)
0052 Management Guidelines & Operational Requirements for the Address and Routing Parameter Area Domain (arpa) (2001) (RFC3172)
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0054 IETF Guidelines for Conduct () (RFC3184)
0055 Guidelines for Evidence Collection and Archiving () (RFC3227)
0056 On the use of HTTP as a Substrate () (RFC3205)
0057 IANA Considerations for IPv4 Internet Group Management Protocol (IGMP) () (RFC3228)
0058 Defining the IETF () (RFC3233)
0059 A Transient Prefix for Identifying Profiles under Development () (RFC3349)
0060 Inappropriate TCP Resets Considered Harmful () (RFC3360)
0061 Strong Security Requirements for Internet Engineering Task Force Standard Protocols () (RFC3365)
0062 Advice to link designers on link Automatic Repeat reQuest (ARQ) () (RFC3366)
0063 Session Initiation Protocol (SIP) for Telephones (SIP-T): Context and Architectures () (RFC3372)
0064 Internet Assigned Numbers Authority (IANA) Considerations for the Lightweight Directory Access Protocol (LDAP) () (RFC3383)
0065 Dynamic Delegation Discovery System (DDS) Part Five: URLARPA Assignment Procedures (2002) (RFC3405)
0066 Uniform Resource Names (URN) Namespace Definition Mechanisms (2002) (RFC3406)
0067 Change Process for the Session Initiation Protocol (SIP) (2002) (RFC3427)
0068 Layer Two Tunneling Protocol (L2TP) IANA Considerations Update (2002) (RFC3438)
0069 TCP Performance Implications of Network Path Asymmetrie

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0070 Guidelines for the Use of XML within IETF Protocols (2003) (RFC3470)

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0072 Guidelines for Writing RFC Text on Security Considerations (2003) (RFC3552)

0073 An IETF URN Sub-namespace for Registered Protocol Parameters (2003) (RFC3553)

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0078 IETF Rights in Contributions (2004) (RFC3667)

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0082 Assigning Experimental and Testing Numbers Considered Useful (2004) (RFC3692)

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0084 Ingress Filtering for Multihomed Networks (2004) (RFC3704)

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0086 Determining Strength for Public Keys Used for Exchanging Symmetric Keys. (2004) (RFC3766)

0087 Use of Interior Gateway Protocol (IGP) Metric as a second MPLS Traffic Engineering (TE) Metric (2004) (RFC3785)

0088 IANA Considerations for the Point-to-Point Protocol (PPP) (2004) (RFC3818)

0089 Advice for Internet Subnetwork Designers (2004) (RFC3819)

S Internet-Protokolle

Ein Protokoll ist ein Satz von Regeln zur Verständigung zwischen zwei Computern oder Peripheriegeräten. Hier die wichtigsten im Internet verwendeten Protokolle:

3DESE	PPP Triple-DES Encryption Protocol (RFC 2420)
ACAP	Application Configuration Access Protocol (RFC 2244)
AgentX	Agent Extensibility Protocol (RFC 2257)
ARP	Address Resolution Protocol (RFC 826)
ATMP	Ascend Tunnel Management Protocol)RFC 2107)
BAP	PPP Bandwidth Allocation Protocol (RFC 2125)
BACP	PPP Bandwidth Allocation Control Protocol (RFC 2125)
BGP	Border Gateway Protocol (RFC 1771)
BOOTP	Bootstrap Protocol (RFC 951, 1542)
CCP	PPP Compression Control Protocol (RFC 1962)
CHAP	PPP Challenge Handshake Authentication Protocol (RFC 1994)
CMOT	Common Management Information Protocol over TCP (RFC 1095)
DCAP	Data Link Switching Client Access Protocol (RFC 2114)
DESE-bis	PPP DES Encryption Protocol (RFC 2419)
DHCP	Dynamic Host Configuration Protocol (RFC 2131)
DLSw	Data Link Switching Protocol (RFC 1795)
DSP	A Dictionary Server Protocol (RFC 2229)
EAP	PPP Extensible Authenication Protocol (RFC 2284)
EARP	Ethernet Address Resolution Protocol (RFC 826)
Echo	Echo Protocol (RFC 862)
ECP	PPP Encryption Control Protocol (RFC 1968)
EGP	Exterior Gateway Protocol (RFC 827, 904)
ESRO	Efficient Short Remote Operations Protocol (RFC 2188)
FANP	Flow Attribute Notification Protocol (RFC 2129)
Finger	Finger User Information Protocol (RFC 1288)
FOOBAR	FTP Operation Over Big Address Records Protocol (RFC 1639)
FTP	File Transfer Protocol (RFC 959, 2228)
GKMP	Group Key Management Protocol Specification (RFC 2093)
Gopher	Internet gopher Protocol (RFC 1436)
HTCPC	Hypertext Coffee Pot Control Protocol (RFC 2324)
HTTP	Hypertext Transfer Protocol (RFC 2068)

IARP	Inverse Address Resolution Protocol (RFC 2390)
ICMP	Internet Control Message Protocol (RFC 792, 950)
ICMPv6	Internet Control Message Protocol version 6 (RFC 1885)
ICP	Internet Cache Protocol (RFC 2186)
IGMP	Internet Group Management Protocol (RFC 2236)
IMAP	Internet Message Access Protocol (RFC 2060)
IMPP	Instant Messaging/Presence Protocol (RFC 2779)
IOTP	Internet Open Trading Protocol (RFC 2935)
IP	Internet Protocol (RFC 791)
IPng	Recommendation for the IP next generation Protocol (RFC 1752)
IPv6	Internet Protocol version 6 (RFC 1883)
IRC	Internet Relay Chat Protocol (RFC 1459)
LDAP	Lightweight Directory Access Protocol (RFC 2251)
LFAP	Lightweight Flow Admission Protocol (RFC 2124)
MAPOS	Multiple Access Protocol over SONET (RFC 2171)
MP	PPP Multilink Protocol (RFC 1990)
MPPC	Microsoft Point-to-Point Compression Protocol (RFC 2118)
NBFCP	NetBIOS Frames Control Protocol (RFC 2097)
NFS	Network File System Protocol (RFC 1094 und 1813)
NHRP	NBMA Next Hop Resolution Protocol (RFC 2332)
NNTP	Network News Transport Protocol (RFC 977)
NTP	Network Time Protocol (RFC 1305)
OFTP	ODETTE File Transfer Protocol (RFC 2204)
PIM-SM	Protocol Independent Multicast - Sparse Mode (RFC 2362)
POP	Post Office Protocol (RFC 1939)
PPP	Point to Point Protocol (RFC 1661, 2153)
RARP	Reverse Address Resolution Protocol (RFC 903)
RIP	Routing Information Protocol (RFC 1723)
RPC	Remote Procedure Call Protocol (RFC 1057, 1831 und 2339)
RSVP	Resource Reservation Protocol (RFC 2205)
RTP	Transport Protocol for Realtime Applications (RFC 1889)
RTSP	Real Time Streaming Protocol (RFC 2326)
RWhois	Referral Whois Protocol (RFC 2167)
SCSP	Server Cache Synchronization Protocol (RFC 2334)
SDP	Session Description Protocol (RFC 2327)
SDTP	PPP Serial Data Transport Protocol (RFC 1963)
SLP	Service Location Protocol (RFC 2165)
SMTP	Simple Mail Transfer Protocol (RFC 821)
SNACP	PPP SNA Control Protocol (RFC 2043)
SNMP	Simple Network Management Protocol (RFC 1157)

SNQP	Simple Nomenclator Query Protocol (RFC 2259)
SNTP	Simple Network Time Protocol (RFC 2030)
SOCKS	SOCKS Protocol (RFC 1928)
TCP	Transmission Control Protocol (RFC 793)
Telnet	Telnet Protocol (RFC 854)
TFTP	Trivial File Transfer Protocol (RFC 783 und 1350)
TIP	Transaction Internet Protocol (RFC 2371)
UDP	User Datagram Protocol (RFC 768)
VRRP	Virtual Router Redundancy Protocol (RFC 2338)
XNSCP	PPP XNS IDP Control Protocol (RFC 1764)

Siehe auch RFC 2700: *Internet Official Protocol Standards* vom August 2000.

T Frequently Asked Questions (FAQs)

In vielen Newsgruppen tauchen immer wieder dieselben Fragen auf. Irgendwann erbarmt sich ein Leser und sammelt sie samt den zugehörigen Antworten unter der Überschrift *Frequently Asked Questions*, abgekürzt FAQ. Diese FAQs (man beachte: der Plural eines Plurals) sind eine wertvolle Informationsquelle. Die Spektren der Themen und der Qualität sind so breit wie das Netz. Innerhalb der Netnews enthalten die FAQs naturgemäß nur Text, manche werden jedoch parallel dazu im WWW angeboten und können dort Grafik verwenden. Sie sind zu finden:

- in der jeweiligen Newsgruppe,
- in der Newsgruppe `news.answers` bzw. `de.answers`,
- auf `http://www.cs.ruu.nl/cgi-bin/faqwais` (Universität Utrecht)
- auf `http://www.faqs.org/`,
- auf `rtfm.mit.edu` in den Verzeichnissen `/pub/usenet-by-group/` bzw. `/pub/usenet-by-hierarchie/`.

Um einen Überblick zu gewinnen, hole man sich per FTP vom MIT die Datei `Index-byname.gz`. Nachfolgend sind einige FAQs aufgeführt, aber bei weitem nicht alle:

- Unix - Frequently Asked Questions, in `comp.unix.questions`. Siebenteilig, von TED TIMAR, seit 1989, daher ausgereift.
- Unix Programming FAQ, in `comp.unix.programmer`.
- Unix-FAQ/Shell, in `comp.unix.shell`. Von TED TIMAR.
- Linux META-FAQ, in `comp.os.linux.announce`.
- NetBSD, FreeBSD, and OpenBSD FAQ, gemeinsames zehnteiliges FAQ-Dokument in
  - `comp.unix.bsd.netbsd.announce`,

  - `comp.unix.bsd.freebsd.announce` und
  - `comp.unix.openbsd.announce`.

- vi Editor FAQ, in `comp.editors` und `comp.unix.questions`. Zweiteilig.
- comp.lang.perl* FAQ, in `comp.lang.perl.announce`. Fünfteilig.
- The X Toolkit Intrinsics FAQ, in `comp.windows.x`.
- Catalog of compilers, interpreters, and other language tools, in `comp.compilers` und `comp.lang.misc`. Fünfteilig.
- Comp.software.eng FAQ, in `comp.software.eng`.
- FAQ List (zur Sprache C), in `comp.lang.c`.
- C++ FAQ, in `comp.lang.c++`. Achtteilig.
- Available C++ libraries FAQ, in `comp.lang.c++`. Sechsteilig.
- Comp.lang.objective-c FAQ, in `comp.lang.objective-c`. Dreiteilig.
- TCP/IP Resources List, in `comp.protocols.tcp-ip`.
- TCP/IP Applications FAQ, in `comp.protocols.tcp-ip`.
- FAQ: Internet-Zugänge in Deutschland, in `de.etc.lists`.
- Netiquette für de.*. in `de.newusers.questions`.
- Anonymous FTP Sitelist, in `comp.archives`. Dreiundzwanzigteilig.
- World Wide Web FAQ, Introduction, in `comp.infosystems.www`. Von THOMAS BOUTELL.
- comp.graphics.algorithms FAQ, in `comp.graphics.algorithms`.
- comp.text FAQ, in `comp.text`.
- TeX, LaTeX, Dante e. V. FAQ, in `de.comp.text.tex`. Elfteilig.
- alt.comp.virus FAQ, in `comp.virus`. Dreiteilig.

Natürlich gibt es auch FAQs zu Themen außerhalb der Informatik, beispielsweise `de.rec.fahrrad FAQ`, sechsteilig und monatlich in der Newsgruppe `de.rec.fahrrad` zu finden.

U Abkürzungen aus Informatik und Telekommunikation

Gehen wir von 30 Zeichen aus, aus denen Abkürzungen gebildet werden, und nehmen wir eine größte Länge von 5 Zeichen an, so lassen sich 25.137.930 verschiedene Abkürzungen bilden (Kombinationen mit Wiederholung und Berücksichtigung der Reihenfolge). Es folgt eine Auswahl von rund 13000 Abkürzungen aus den Bereichen Informatik und Telekommunikation. Die Abkürzungen werden hier durchgehend groß geschrieben, Akzente, Bindestriche und dergleichen wurden weggelassen. Einige Abkürzungen sind geschützte Namen; diese sind nicht gekennzeichnet. Die Liste beschreibt nur den Gebrauch, sie legt nicht eine Definition fest.

16CIF	16 times Common Intermediate Format (Picture Format)
16QAM	16-state Quadrature Amplitude Modulation
1GL	1st Generation Language (Maschinencode)
1TR6	(ISDN-Protokoll D-Kanal, national)
2GL	2nd Generation Language (Assembler)
2L8	Too Late (Slang)
2MS	Strukturierte Monopolleitung 2 Mbit/s
3GIO	3rd Generation I/O (Bus, Interface)
3GL	3rd Generation Language (C/C++, Fortran, Cobol)
3GPP	3rd Generation Partnership Program
3LH	3rd Level Hierarchy
3PCC	3rd Party Call Control
4CIF	4 times Common Intermediate Format (Picture Format)
4GL	4th Generation Language (SQL, Labview, ABAP)
4LH	4th Level Hierarchy
5GL	5th Generation Language
64QAM	64-state Quadrature Amplitude Modulation
6GL	6th Generation Language
7E1	(Zeichenformat: 7 Bits/Zeichen, parity even, 1 Stopbit)
8N1	(Zeichenformat: 8 Bits/Zeichen, no parity bit, 1 Stopbit)
10GE	10 GBit/s Ethernet

A	Advanced, American, Amplitude, Application, Architecture, Area, Association
A2DP	Advanced Audio Distribution Profile
AA	Access Authorization
AA	Aiming Algorithm
AA	Anti-Aliasing
AA	Arbitrary Access
AA	Assistant Administrator
AA	Audits + Assessments
AA	Auto Answer
AAA	Authentication, Authorization, Accounting (system)
AAAA	Aussuchen – Auspacken – Anpassen – Anwenden
AAAAAA	Association for the Abolition of Abused Abbreviations and Asinine Acronyms
AAAI	American Association of Artificial Intelligence
AAB	All-to-All Broadcast
AAC	Advanced Audio Coder/Coding
AAC	Apple Assistance Center
AACD	Academic Administrative Computing Services
AACE	Association for the Advancement of Computing in Education
AACR	Anglo-American Cataloging Rules
AACS	Advanced/Automated Access Content/Control System
AACS	Ann Arbor Computer Society
AACS	Asynchronous Address Communication System
AACS	Automated Analog Circuit Synthesis
AAD	Address Adder
AADP	Administrative Automatic Data Processing
AAE	Allgemeine Anschalt-Erlaubnis
AAE	Automatische Anrufeinrichtung
AAFID	Autonomous Agent For Intrusion Detection
AAIC	Accounting Authority Identification Code
AAL	Absolute Assembly Language
AAL	Asynchronous Transfer Mode Adaption Layer
AAL	ATM Adaptation Layer
AALPDU	AAL Protocol Data Unit
AAM	Automatic Acoustic Management
AAMOF	As A Matter Of Fact (Slang)
AAN	Associated Account Number
AAP	Advanced Adaptive Protocol
AAP	Applications Access Point

AAP	Association of American Publishers
AAPI	Audio Applications Programming Interface
AAR	Anfangsadressregister
AARP	AppleTalk Address Resolution Protocol
AAS	All-to-All Scatter
AAS	Arithmetic Assignment Statement
AASP	ASCII Asynchronous Support Package
AAT	Average Access Time
AATIS	Arbeitskreis Amateurfunk und Telekommunikation in der Schule
AATP	Authorized Academic Training Program
AAUI	Apple Attachment Unit Interface
AAVD	Automatic Alternate Voice Data
AB	Anrufbeantworter
AB	Ausser Betrieb
ABAP	Advanced Business Application Programming (SAP)
ABB	ASEA Brown Boveri (Schweiz)
ABC	American Broadcasting Company
ABC	Applications of Broadband Communication
ABC	Atanasoff-Berry-Computer
ABC	Automatic Brightness Control
ABCD	Add, Browse, Change, Delete
ABCS	Advanced Business Communications via Satellite
ABD	Automatic Baudrate Detection
ABEND	Abnormal End
ABF	Adobe Binary Screen Font
ABI	Application Binary Interface
ABIC	Access Bus Industry Group
ABIOS	Advanced Basic Input Output System
ABIST	Automatic Built-In Self Test
ABK	Arbeitskreis Bildkommunikation
ABLE	Adaptive Battery Life Extender
ABLE	Agent Building and Learning Environment
ABM	Anything But Microsoft
ABM	Asynchronous Balanced Mode
ABN	Australian Bibliographic Network
ABNF	Augmented Backus-Naur Form
ABNS	Application Based Network Services
ABR	Automated Beacon Removal
ABR	Available Bit Rate
ABRD	Automatic Baud Rate Detection

ABRS	Automated Book Request System
ABS	Address Book Synchronization
ABS	Authorized Bearer Services (Exceptions)
ABS	Automatic Backup Shutdown
ABT	Abort
ABT	ATM Block Transfer
ABTDT	ATM Block Transfer Delayed Transmission
ABTIT	ATM Block Transfer Immediate Transmission
ABTS	ASCII Block Terminal Services
AC	Access/Automatic Control
AC	Access Concentrator
AC	Accumulator
AC	Advisory Committee
AC	Alternating Current
AC	Analogue Computer
AC	Arc Consistency
AC	Audio Code/Codec/Coding
AC	Authority Center
AC	Auto Check
ACA	Application Control Architecture (DEC)
ACAP	Application Configuration Access Protocol
ACAP	Automated Content Access Protocol
ACAS	Application Control Architecture Services
ACATS	Advisory Committee on Advanced Television Systems
ACC	Abnormal Condition Control
ACC	Access
ACC	Accumulator
ACC	Adaptive Cruise Control
ACC	Area Communication Controller
ACCMAIL	Accessing the Internet via Email
ACCU	Association of C and C++ Users
ACD	Automated/Automatic Call Director/Distributor/Distribution
ACDF	Access Control Decision Function
ACDG	Automatic Call Distribution Group
ACDI	Asynchronous Communication Device Interface
ACDP	Australian Committee on Data Processing
ACE	A Compact Evaluated Nuclear Data File
ACE	Access Control Encryption/Entry
ACE	Adaptive Communication Environment
ACE	Additional Core Enhancements

ACE	Adobe Certified Expert
ACE	Advanced Computing Environment (SCO)
ACE	Adverse Channel Enhancement
ACE	ASCII Compatible Encoding
ACE	Automatic Calling Equipment
ACELP	Algebraic Code Excited Linear Prediction
ACF	Access Control Field
ACF	Admission Confirmation
ACF	Advanced Communication Function
ACF	Attribute Configuration File
ACFC	Address and Control Field Compression
ACFM	Alternating Current Frequency Modulation
ACH	Automeated Clearing House
ACI	Access Control Information
ACI	Adjacent Channel Interference
ACI	Advanced Chip Interconnection
ACI	Advanced Computing Initiative
ACI	American Computer Innovators
ACI	Application Communication Interface
ACIA	Access Control Inner Area
ACIA	Asynchronous Communication Interface Adapter
ACIAS	Automated Calibration Internal Analysis System
ACID	Add, Change, Inquire, Delete
ACID	Analysis Console for Intrusion Databases
ACID	Atomicity, Consistency, Isolation, Durability
ACIS	American Committee for Interoperable Systems
ACK	Acknowledge/Acknowledgement
ACK	Amsterdam Compiler Kit
ACL	Access Control List
ACL	Account Classification
ACL	Advanced Computing Laboratory
ACL	Agent Communication Language
ACL	Application Connectivity Link
ACL	Asynchronous Connectionless Link
ACLS	Accounting Class Packet Services
ACLU	American Civil Liberties Union, USA
ACM	Association for Computing Machinery, USA
ACM	Audio Compression Manager
ACME	Assembling Configuration Management Environments
ACMS	Application Control Management System

ACONET	Akademisches Computer-Netz, Österrreich
ACOPS	Automatic CPU Overheat Prevention System
ACOS	Additional Call Offering Service
ACP	Analog Copy Protection
ACP	Ancillary Control Program
ACP	Automatic Channel Programming
ACP	Auxiliary Control Process
ACP	Average CPU Power
ACPI	Advanced Configuration and Power Interface
ACPICA	Advanced Configuration and Power Management Interface Component Architectu
ACR	Advanced Communication Riser
ACR	Allowed Cell Rate
ACR	Attenuation to Crosstalk Ratio
ACRG	Access Code Restriction Group
ACROSS	Automated Cargo Release and Operations Service System
ACS	Access Control Server/Set/System
ACS	Account Control System
ACS	Advanced Communication/Computer System
ACS	Aldus Color File
ACS	Anti Curl System
ACS	Asynchronous Communication Server
ACSA	Access Control Specific Area
ACSE	Association Control Service Element/Entity
ACSK	Adaptive Code Shift Keying
ACSNET	Australian Computer Science Network
ACSR	Automatic Customer Station Rearrangement
ACSS	Audio Cascading Style Sheet
ACT	Advanced Communication for Training
ACT	Applied Computerized Telephony (HP)
ACTA	America’s Carriers Telecommunication Association
ACTI	Advanced Computational Technology Initiative
ACTL	Access Customer Terminal Location
ACTLU	Active Logical Unit
ACTPU	Active Physical Unit
ACTS	Advanced Communications Technologies and Services
ACTS	Advanced Communications Technology Satellite
ACTS	Automated Computer Time Service (NIST)
ACTT	Advanced Communication and Timekeeping Technology
ACTU	Active User
ACTV	Advanced Compatible Television

ACU	Access Control Unit
ACU	Acknowledgement Signal Unit
ACU	Automatic Calling Unit
ACVC	Ada Compiler Validation Capacity
ACWT	Analog Call Waiting
A/D	Analog/Digital
AD	Active Directory
AD	Administrative Domain
AD	Assignment Date
ADA	Adobe Developers Association
ADA	Applied Decision Analysis
ADA	Automatic Data Acquisition
ADABAS	Adaptable Database System
ADAIC	Ada Information Clearinghouse
ADAM	Automatischer Datenmessplatz
ADAM	Art, Design, Architecture + Media Information Gateway
ADAT	Alesis Digital Audio Tape
ADB	Apple Desktop Bus
ADB	Authentication Database
ADC	Adaptive Data Compression
ADC	Add with Carry
ADC	Analogue to Digital Converter
ADC	Apple Developer Connection
ADC	Apple Display Connector
ADC	Application Development Classes
ADCCP	Advanced Data Communication Control Procedure/Protocol
ADD	Adapter Device Driver
ADD	Architecture Design Document
ADD	Automatic Document Detection
ADDMD	Administration Directory Management Domain
ADDX	Assoziation Deutschsprachiger DXer
ADE	Advanced Document Engineering
ADE	Application Development Environment
ADEOS	Advanced Earth Observation Satellite, Japan
ADEPA	Agence Nationale pour le Developpement de la Production Automatisee
ADF	Adaptor Description File
ADF	Address Distribution Facility
ADF	Arbeitskreis Digitale Fotografie
ADF	Automatic Direction Finder/Finding
ADF	Automatic Document Feed/Feeder

ADF	Automatically Defined Function
ADFS	Acorn/Advanced Disc File/Filing System
ADI	Agence de l'Informatique
ADI	Autodesk Device Interface
ADIOS	Automated Download and Installation of Operating Systems
ADISS	Analytical Data Interchange + Storage Standards
ADL	Above Detection Limit
ADL	Address Data Latch
ADL	Adventure Definition Language
ADLAT	Adaptive Lattice Filter
ADLC	Adaptive Lossless Data Compression
ADLC	Asynchronous Data Link Control
ADM	Add/Drop-Multiplexer
ADM	Aggregate Data Manager
ADM	Application Development Modul
ADM	Arrow Diagram Method
ADM	Asynchronous Disconnected Mode
ADM	Automatic Drive Maintenance
ADMACS	Apple Document Management And Control System
ADMD	Administrative/Administration Management Domain (X.400)
ADO	ActiveX Data Object
ADP	Administrative/Automatic Data Processing
ADP	AOLserver Dynamic Pages
ADP	Automatic Data Processing
ADPCM	Adaptive Delta/Differential Pulse Code Modulation/Modulator
ADR	Address
ADR	Advanced Digital Recording
ADRC	Adaptive Dynamic Range Coding
ADRD	Automatic Data Rate Detection
ADRES	Automatic Dynamic Range Expansion System
ADS	Active Directory Service
ADS	Aktiver Diagnose-Stecker
ADS	Alternate Data Stream
ADS	Application Development Solutions/System
ADS	AutoCAD Development System
ADS	Automated Data Service
ADS	Automatic Distribution System
ADSC	Address Status Changed
ADSC	Adobe Document Structuring Conventions
ADSI	Active/Advanced Directory Service Interface

ADSI	Analog Display Services Interface
ADSL	Asymmetric(al) Digital Subscriber Line/Loop
ADSM	Adstar Distributed Storage Manager (IBM)
ADSP	AppleTalk Data Stream Protocol
ADSR	Attack, Decay, Sustain, Release
ADT	Abrechnungsdatenträger
ADT	Abstrakter Datentyp
ADT	Advanced DRAM Technology
ADT	Application Data Type
ADTV	Advanced Definition Television
ADU	Automatic Dialing Unit
ADVISE	Analysis, Dissemination, Visualization, Insight, and Semantic Enhancement
ADX	Automatic Data Exchange
ADXVERZ	Amtliches Verzeichnis der DATEX-Teilnehmer
AE	Above or Equal
AE	Application Entity
AEB	Analogue Expansion Bus
AEC	Architectural and Engineering Construction
AEC	Ars Electronica Center
AEC	Availability Environment Classification
AECG	Advanced Embedded Codes Gateway
AED	Abfrageeinrichtung für Datenverkehr
AEEC	Airlines Engineering Electronics Committee
AEG	Allgemeine Electricitäts-Gesellschaft
AEH	Advanced Encapsulated Hypertext
AEI	Additional Equipment Interface
AEIOUS	Advanced Enhanced Interface for Open Universal Systems
AEM	Acoustic Emission Monitoring
AEM	Asynchronous Event Mechanism
AEM	Automatic Emulation Management
AEMS	Automated Energy Management System
AEN	Acknowledgment Error Notification
AEP	AppleTalk Echo Protocol
AEP	Application Environment Profile (Posix)
AES	Advanced Encryption Standard
AES	Application Environment Specification/Services
AET	Abstract Window Toolkit
AET	Advanced Educational Technology
AET	Application Entity Title
AF	Alternative/Audio Frequency

AF	Anzunehmender Fehler
AF	Auxiliary Carry Flag
AFA	Accelerated File Access
AFA	Association des Fournisseurs d'Acces et de Services Internet
AFAIAA	As Far As I Am Aware (Slang)
AFAIC	As Far As I am Concerned (Slang)
AFAIK	As Far As I Know (Slang)
AFAIKT	As Far As I Know Today (Slang)
AFAIR	As Far As I Remember (Slang)
AFB	Adobe Font Binary
AFC	Antiferro-magnetically Coupled (media)
AFC	Automatic Font Change
AFC	Automatic Frequency Control
AFCCU	Advanced Function Common Control Unit
AFD	Automatic File Distribution
AFDM	Advanced Fluid Dynamics Model
AFDW	Active Framework for Data Warehousing
AFE	Analog Front End
AFF	Adaptive Feed Forward
AFFS	Amiga Fast File System
AFH	Adaptive Frequency Hopping
AFI	Authority and Format Identifier
AFII	Association for Font Information Interchange
AFIN	Association Française des Informaticiens
AFIPS	American Federation of Information Processing Societies
AFIRM	Automated Fingerprint Image Reporting and Match
AFIS	Automated Fingerprint Identification System
AFJ	April Fool's Joke (Slang)
AFK	Away From Keyboard (Slang)
AFM	Adobe Font Manager/Metrics
AFM	Audio Frequency Modulation
AFN	American Forces Network
AFNIC	Association Francaise pour le Nommage Internet en Cooperation
AFNOR	Association Française de Normalisation
AFOD	Angebot für Online-Dienste
AFP	Advanced Flexible Processor
AFP	Advanced Function Presentation/Printing
AFP	AppleTalk Filing Protocol
AFR	Alternate Frame Rendering
AFR	Annualized Failure Rate

AFR	Arndt-Ford-Roper Two-pole Fit
AFS	Advanced Freephone Service
AFS	Alex/Andrew/Advanced File System
AFSK	Audio Frequency Shift Keyer/Keying (Modulation)
AFT	Adapter Fault Tolerance
AFTEL	Association Francaise de la Telematique Multimedia
AFTN	Aeronautical Fixed Telecommunication Network
AFTP	Anonymous FTP (Internet)
AFU	alt.folklore.urban
AFUG	Amateurfunkgesetz
AFUL	Association francophone des utilisateurs de Linux et des logiciels libres
AFUU	Association Française des Utilisateurs d'UNIX
AFUUSO	Association Française des Utilisateurs d'UNIX et des Systemes Ouverts
AFUV	Amateurfunkverordnung
AG	Alternating Gradient
AGA	Advanced Graphics Adapter/Architecture
AGAF	Arbeitsgemeinschaft Amateurfunkfernsehen
AGC	Automatic Gain Control
AGCH	Access Grant Channel
AGCS	Advanced Graphic Chip Set
AGCW	Arbeitsgemeinschaft CW
AGDX	Arbeitsgemeinschaft DX e. V., Erlangen
AGE	Automatische Gebührenerfassung
AGFMB	Arbeitsgemeinschaft Freier Mailboxen
AGFPL	Aladdin Ghostscript Free Public License
AGL	Adobe Glyph List
AGNES	Automatisches GPS-Netz Schweiz
AGP	Accelerated Graphics Port
AGP	Advanced Graphics Package (HP)
AGPL	Affero General Public License (GNU)
AGRAS	Antiglare Antireflective Antistatic
AGU	Address Generation Unit
AGUI	Advanced Graphical User Interface
AGV	Automatic Guided Vehicle
AH	Authentication Header
AHB	Advanced High Performance Bus
AHC	Advanced High Speed CMOS
AHCI	Advanced Host Controller Interface
AHDL	Altera Hardware Description Language
AHRA	Audio Home Recording Act

AHREF	Anchor Hypertext Reference
AI	Adobe Illustrator
AI	Analogue Input
AI	Artificial Intelligence
AI	Active Interface
AIA	Application Integrated Architecture (DEC)
AIC	AIX Windows Interface Composer
AID	Alarm Identification on Demand
AIDA	Attention, Interest, Desire, Action
AIDS	Activity Information Data System
AIDS	Anomaly-based Intrusion Detection System
AIDS	Automatic Installation and Diagnostic Service
AIFF	Adobe/Audio Interchange File Format
AII	Active Input Interface
AII	Attachement Individual Identifier
AIIM	Association for Information and Image Management
AIK	Angewandte Informatik Karlsruhe e. V.
AIM	Advanced Informatics
AIM	AOL Instant Messenger
AIM	Automatic Interface Management in Medicine
AIM	Apple, Intel, Motorola
AIMB	As I Mentioned Before (Slang)
AIML	Artificial Intelligence Markup Language
AIMM	AGP In-line Memory Module
AIMS	Advanced Information Management System
AIMS	Apple Internet Mail Server
AIN	Advanced Intelligent Network
AIN	Auto Insert Notification
AIO	All In One
AIO	Annual Inspection + Overhaul
AIOD	Automatic Identification of Outward Dialing
AIP	Adaptive Internet Protocol
AIP	Application Infrastructure Provider
AIP	Archive Information Package
AIPS	Astronomical Image Processing System
AIR	Architecture Implementation Review
AIR	Automated Image and Restore
AIS	Account Information Security (Program)
AIS	Administrative/Affiliate Information System
AIS	Alarm Indication Signal/System

AIS	Application Integration Services
AIS	Artificial Immune System
AIS	Audit Information System (SAP)
AIS	Automated Identification/Information System
AIS	Autonomous Intelligent System
AISB	Association of Imaging Service Bureaus
AISI	As I See It (Slang)
AISP	Association of Information Systems Professionals
AIT	Advanced Information Technology
AIT	Advanced Intelligent Tape
AIUI	As I Understand It (Slang)
AIW	APPN Implementor’s Workshop
AIX	Advanced Interactive Executive (IBM)
AJAX	Asynchronous Javascript And XML
AJC	Anti-Jitter Circuit
AKA	Also Known As (Slang)
AKF	Autokorrelationsfunktion
AKI	Arbeitskreis Informatik
AKL	Agent Kernel Language
AKS	Arbeitskreis Schule (in der GUUG)
AKSIS	Arbeitskreis Schutz von Infrastrukturen
AL	Application Layer
AL	Arbitrated Loop
AL	Assembly Language
AL	Aussagenlogik
ALA	American Library Association
ALAT	Advanced Load Address Table
ALB	Adaptive Load Balancing
ALC	Arithmetic and Logic Circuit
ALC	Automatic Level Control
ALDC	Advanced Lossless Data Compression
ALE	Address Latch Enable
ALE	Address Lifetime Expectancy
ALE	Application Link Enabling
ALE	Application Linking and Embedding
ALEC	Alternative Local Exchange Carrier
ALEX	A Lexical Programming Language
ALEX	Advertising Link Exchange
ALEX	Altlasten-Expertensystem
ALEX	Automatic Login Executor

ALEX	Automated/Automatic Labour Exchange
ALF	Accurate positioning by Low Frequency
ALG	Application Level Gateway
ALGOL	Algorithmic Language
ALI	American Law Institute
ALI	Automatic Link Intelligence
ALIBI	Adaptive Location of Internetworked Bases of Inforamtion
ALICE	Artificial Linguistic Internet Computer Entity
ALINK	Active Link
ALIS	Automatic Link Setup
ALIWEB	Archie Like Indexing in the Web
ALM	Application Loadable Modul
ALN	Asynchronous Learning Network
ALOE	Apple Library for Object Embedding
ALOS	Auto LISP Object System
ALP	Assembly Language Preprocessor
ALP	Automatic Language Processing
ALPM	Aggressive Link Power Management
ALRU	Automatic Line Record Update
ALS	Advanced Low Power Schottky
ALSA	Advanced Linux Sound Architecture
ALT	Alternate
ALT	Anti Leech Tracker
ALU	Arithmetic Logic/Logical Unit
ALWR	Arbeitskreis der Leiter Wissenschaftlicher Rechenzentren
AM	Amplitudenmodulation
AM	Anschlussmodul
AM	Anwendungsmodul
AM	Application Maintainer (Debian)
AMA	Active Member Addressing (Bluetooth)
AMA	Automatic Message Accounting
AMANDDA	Automated Messaging and Directory Assistance
AMASS	Archival Management And Storage System
AMB	Advanced Memory Buffer
AMBA	Advanced Microcontroller Bus Architecture
AMBW	All My Best Wishes (Slang)
AMC	Arbitration and Mediation Center
AMD	Active Matrix Display
AMD	Advanced Micro Devices, Inc., USA
AMDD	Agile Modelling Driven Development

AMDS	Amplitude Modulation Data System
AME	Advanced Metal Evaporated
AMF	All Media Floppy
AMH	Automated Materials Handling
AMI	Alternate/Alternative Mark Inversion
AMI	American Microsystems Inc.
AMI	Application Messaging Interface
AML	ACPI Machine Language
AML	Acronym Master List
AMLCD	Active Matrix Liquid Crystal Display
AMMA	Advanced Memory Management Architecture
AMO	Administration and Maintenance Order
AMP	Advanced Metal Powder
AMP	Asymmetric/Asynchronous Multi Processing
AMP	Audio MPEG Player
AMPL	A Mathematical Programming Language
AMPS	Advanced Mobile Phone Service/System
AMR	Adaptive Mesh Refinement
AMR	Adaptive Multi Rate (Audio Codec)
AMR	Anisotropic Magnetoresistance
AMR	Audio Modem Riser
AMRA	Ants-based Mobile Routing Architecture
AMRIS	Adhoc Multicast Routing Protocol Utilizing Increasing ID-Numbers
AMRR	Adaptive Multi Rate Retry
AMS	American Mathematical Society
AMS	Andrew Message System
AMT	Apple Media Toolkit
AMTEC	Ausstellung für Amateurfunktechnik, Elektronik, Computer
AMTOR	Amateur Microcomputer Teleprinting Over Radio
AMVER	Atlantic/Automatic Merchant Vessel (Emergency) Reporting System
AMVER	Automated Mutual Assistance Vessel Rescue System
AN	Access Network
AN	Accession/Associated Number
ANAC	Automatic Number Announcement Circuit
ANARC	Association of North American Radio Clubs
ANDF	Architecture Neutral Distribution Format
ANF	Additional Network Feature
ANFSCD	And Now For Something Completely Different (Slang)
ANI	Automatic Number Identification (Telefon)
ANIS	Analoger Anschluss an einer ISDN-Vermittlungsstelle

ANL	Argonne National Laboratory, USA
ANL	Automatic Noise Limiter
ANN	Artificial Neural Network
ANR	Advanced/Automatic Network Routing
ANRS	Automatic Noise Reduction System
ANS	Access Network System
ANS	Advanced Networking Services (Intel)
ANS	American National Standard
ANSA	Advances Network Systems Architecture
ANSI	American National Standards Institute
ANTC	Advanced Networking Test Center
ANTIOPE	Aquisition Numerique et Televisualisition d’Images Organisees en Page d’Ecritur
ANW	International Academic Networking Workshop
AO	Analogue Output
AOC	Abnormal Operating Condition
AOC	ADSL Overhead Control
AOC	Advice Of Charge
AOCE	Apple Open Collaboration Environment
AOD	Advanced Optical Disc
AOD	Audio On Demand
AODBS	Aspect Oriented Database System
AODI	Always On Dynamic ISDN
AODV	Ad hoc On demand Distance Vector
AOE	Application Operating Environment (AT&T)
AOE	ATA over Ethernet
AOI	Active Output Interface
AOL	America Online, Inc.
AOM	Annual Operating + Maintenance (cost)
AOP	Aspect Oriented Programming
AOR	Atlantic Ocean Region
AOS	Add Or Subtract
AOS	Advanced Operating System
AOSD	Aspect Oriented Software Development
AOSE	Agent Oriented Software Engineering
AOSS	AirStation One-touch Secure System
AOT	Absolutely Off Topic (News)
AOT	Ahead Of Time (compilation)
AOT	Application Object Template/Tree
AOW	Asia and Oceania Workshop (OSI)
AP	Access Point

AP	Adjunct/Application Processor
AP	Application/Adjunct Process/Processor/Program
AP	Automatic Pagination
APA	All Points Addressable
APA	Adaptive Packet Assembly
APA	All Points Addressable
APA	Arithmetic Processing Accelerator
APA	Amateur Press Association
APAA	Aggressive Packet Adaptive Assembly
APAR	Authorized Program Analysis Report (IBM)
APAREN	Address Parity Enable
APART	Automated Packet Recognition/Translation
APB	Advanced Peripheral Bus
APC	Application Protocol
APC	Association for Progressive Communications
APC	Arbeitsplatzcomputer
APC	Airborne Public Correspondence
APC	Automated Production Protocol
APCUG	Association of PC Users Groups
APD	Areal Power Density
APDA	Apple Programmers and Developers Association
APDU	Application Protocol Data Unit
APE	Abgesetzte Periphere Einheit
APE	Adaptable Persistence Engine
APEX	Advanced Packet Exchange
APEX	Application Exchange
APF	Active Port Forwarding
APG	Automated Password Generator
API	Application Program/Programming Interface
APIA	Application Program Interface Association
APIC	Advanced Programmable Interrupt Controller
APIM	ATM Interface Port Module
APIPA	Automatic Private Internet Protocol Addressing
APL	A Programming Language
APL	Application Program Library
APM	Advanced Power Management
APN	Access Point Name
APN	Actual Private Network
APNIC	Asia Pacific Network Information Centre
APO	Advanced Planner and Optimizer (SAP)

APOL	Alternate Person On Line (Slang)
APOP	Authenticated Post Office Protocol
APP	Application Portability Profile
APP	Automatic Page Positioning
APPC	Advanced Program to Program Communication/Converter (IBM)
APPI	Advanced Peer-to-Peer Internetworking
APPN	Advanced Peer-to-Peer Network/Networking (IBM)
APR	Access Point Roaming
APR	Acoustic Pulse Recognition
APR	Apache Portable Runtime (layer, library)
APRIL	Active/Passive Radio Interference Lock
APRIL	Adaptive Photonic Reflection by Inverted Light
APRIL	Advanced Power Recycling by Integrated Logic
APRIL	Adverse Psychiatric Reactions Information Link
APRIL	Association for Promotion and Research in Linux
APRIL	Association pour la Promotion et la Recherche en Informatique libre
APRP	Adaptive Pattern Recognition Processing
APRS	Automatic Position Report/Reporting System
APS	Active Pixel Sensor
APS	Advanced Planning and Scheduling
APS	Advanced Printing/Production/Photo System
APS	Array Processing System
APS	Asynchronous Protocol Specification
APS	Automatic Position Select
APS	Asynchronous Protocol Specification
APS	Auto Pilot System
APS	Assembly Programming System
APSE	Ada Programming/Project Support Environment
APSL	Apple Public Source License
APSN	Atlantic Packet Satellite Network
APT	Address Pass Through
APT	Adobe Postscript Point
APT	Advanced Package Tool
APT	Advanced Parallel Technology
APT	Almost Plain Text
APT	Application Program Title
APT	Automatically Programmed Tools
APU	Attached Processing Unit
AQL	A Query Language
AQL	Acceptable Quality Level

AR	Access Router
AR	Artificial/Augmented Reality
AR	Aspect Ratio
AR	Augmented Reality
ARA	Apple/AppleTalk Remote Access
ARAG	Antireflective Antiglare
ARAP	Apple Remote Access Protocol
ARAS	Antireflective Antistatic
ARB	Adaptive Rate Based
ARB	Architectural/Architecture Review Board
ARC	Acceptable Risk Calculator
ARC	Acoustic Resonance Control
ARC	Advanced RISC Computing
ARCA	Advanced RISC Computing Architecture
ARCNET	Attached Resource Computer/Computing Network
ARD	Arbeitsgemeinschaft der Rundfunkanstalten Deutschlands
ARD	Apple Remote Desktop
ARDF	Amateur Radio Direction Finding
ARES	Annuaire Recherche Enseignement Superieur
ARF	Abuse Reporting Format
ARI	Autofahrer Rundfunk Information
ARIN	American Registry for Internet Numbers
ARIS	Architecture of Integrated Information Systems
ARJ	Admission Reject
ARL	Adjusted Ring Length
ARL	Association of Research Liberaries, USA
ARL	Authority Revocation List
ARLL	Advanced Run Length Limited
ARM	Account Resource Management
ARM	Acorn/Advanced RISC Machine
ARM	Advanced RISC Machine
ARM	Annotated Reference Manual
ARM	Application Response Measurment
ARM	Arpanet Reference Model
ARM	Asynchronous Response Mode
ARMA	Association of Records Managers and Administrators, USA
ARMM	Automated Retroactive Minimal Moderation
ARMS	Architecture for Reliable Managed Storage
ARNE	Automated Remote Network Evaluation
ARNS	AppleTalk Remote Network Server

AROM	Associative Read Only Memory
ARP	Address Resolution Protocol (Internet)
ARPA	Advanced Research Projects Agency, USA
ARPA	Automatic Radar Plotting Aid
ARPL	Adjust Requested Privilege Level
ARPU	Average Revenue Per Unit/User
ARQ	Admission Request
ARQ	Automatic Repeat Request
ARR	Annual Return Rate
ARR	Automatic Repeat/Retransmission Request
ARRL	American Radio Relay League
ARS	Activity Reporting System
ARS	Adaptive Rate System
ARS	Address Retrieval System
ARS	Atomic Resolution Storage
ARS	Automatic Route Selection
ARSB	Automated Repair Service Bureau
ART	Adaptive Reasoning Technology
ART	Another Ray Tracer
ART	Autorite de Regulation des Telecommunications
ARTA	Apple Real Time Architecture
ARTIC	A Real-Time Interface Coprocessor (IBM)
ARTOB	Amateur Radio Translator on Balloon
ARTS	Asynchronous Remote Takeover Server
ARTT	Asynchronous Remote Takeover Terminal
ARU	Audio Response Unit
AS	Abstract Syntax
AS	Anschlusssatz
AS	Application System (IBM)
AS	Authentication Server/Service
AS	Autonomous System
AS3AP	ANSI SQL Standard Scalable and Portable
ASA	American Standards Association
ASA	Advanced SCSI Architecture
ASA	Adaptive Security Algorithm
ASAI	Adjunct Switch Application Interface
ASAM	Arbeitskreis zur Standardisierung von Automatisierungs- und Messsystemen
ASAP	As Soon As Possible (Slang)
ASAP	Automatic Switching And Processing
ASB	Advanced System Buffering/Bus

ASB	Alarm-Signal-Bearbeitung
ASC	Accredited Standards Committee (ANSI)
ASC	Auditor Security Collection
ASC	Authorized Service/Support Center
ASCC	Automatic Sequence Controlled Calculator (IBM)
ASCI	Accelerated/Advanced Strategic Computing Initiative
ASCII	American Standard Code for Information Interchange
ASCIIZ	ASCII String, Zero Terminated
ASCOM	Asynchronous Communication Control Program
ASD	Adaptive Software Development
ASD	Application Structure Database
ASD	Automatic Skip Driver
ASDF	Another System Definition Facility
ASDF	Association of Synchronous Data Formats
ASDF	Average Squared Difference Function
ASE	Advanced Server Environment
ASE	Amplified Spontaneous Emission
ASEA	Allmänna Svenska Electricitets-Aktiebolag, Schweden
ASF	Active Movie Streaming Format
ASF	Active/Advanced Streaming Format
ASF	Apache Software Foundation
ASF	Aspect Source Flag
ASI	Adapter Support Interface (IBM)
ASI	Alarm-Signal-Initialisierung
ASI	Application Specific Instruction
ASIC	Application Specific Integrated Circuit
ASIN	Amazon Standard Identification Number
ASIO	Audio Stream Input Output
ASIP	Application Specific Instruction Set Processor
ASIS	Ada Semantic Interface Specification
ASIS	American Society for Industrial Security
ASIS	American Society for Information Science
ASIT	Advanced Security and Identification Technology
ASK	Akademische Software Kooperation, Karlsruhe
ASK	Amplitude Shift Keying
ASL	ACPI (Control Method) Source Language
ASL	Adaptive Speed Levelling
ASL	Architectural Space Laboratory, Zürich
ASLM	Apple Shared Library Manager
ASLR	Address Space Layout Randomization

ASM	Abstract State Machine
ASM	Any Source Multicast
ASM	Application Specific Memory
ASM	Automated Storage Management
ASMP	Asymmetric Multi Processing
ASN	Abstract Syntax Notation
ASN	Access Stack Node
ASN	Autonomous System Number
ASN.1	Abstract Syntax Notation One (ISO, CCITT)
ASO	Active Sideband Optimum
ASO	Address Supporting Organization
ASO	Automated Systems Operation
ASP	Active Server Page/Pages
ASP	Advanced Signal Processor
ASP	Advanced Simple Profile
ASP	Allegiance Site License Program
ASP	AppleTalk Session Protocol
ASP	Application Service Provider
ASP	Association of Shareware Professionals
ASP	Attached Support Processor
ASP	Authorized Service Provider/Providing
ASPEC	Adaptive Spectral Perceptual Entropy Encoding
ASPI	Advanced SCSI Programming Interface
ASPM	Active State Power Management
ASPS	Advanced Signal Processing System
ASQ	Automated Software Quality
ASR	Ada Software Repository
ASR	Address Space Register
ASR	Automatic Send Receive
ASR	Automatic Speech Recognition
ASR	Automatic System Recovery
ASRO	Asociata de Standardizare din Romania
ASS	Aural Style Sheet
AST	Anwendungsschnittstelle
ASTA	Anti Spam Technical Alliance
ASTAB	Asychronous Status Board
ASTRA	Association Tunesienne des Radio Amateurs
ASU	Asynchron/Synchron-Umsetzer
ASUG	America’s SAP Users’ Group
ASV	Advanced Super View

AT	Atomic Time
AT	Advanced/Assistive Technology
AT	Attention (Hayes)
AT	Attenuator
ATA	Analog Telefon/Terminal Adapter
ATA	AT (Bus) Attachment (Interface)
ATA	Advanced Technology Attachment
ATAPI	AT Attachment Packet Interface
ATB	All Trunks Busy
ATC	Adaptive Transform Coding
ATC	Address Translation Cache
ATC	Advanced Transfer Cache
ATC	ATM Transfer Capability
ATCA	Advanced Telecom Computing Architecture
ATCP	AppleTalk Control Protocol
ATDM	Asynchronous Time Division Multiplexing
ATDMA	Advanced/Asynchronous Time Division Multiple Access
ATDP	Attention Dial Pulse (Hayes)
ATDT	Attention Dial Tone (Hayes)
ATE	Automated/Automatic Test/Testing Equipment
ATF	Automatic Track Finding/Following
ATF	Asynchronous Transfer
ATFSM	Ask The Friendly System Manager (Slang)
ATH	Abbreviated Trouble History
ATH	Attention Hangup (Hayes)
ATIM	Ad-hoc Traffic Indication Map/Message
ATIP	Absolute Time In Pregroove
ATIS	A Tools Integration Standard
ATIS	Automatic Terminal Information Service
ATIS	Automatic Transmitter Identification System
ATK	Andrew Toolkit
ATKIS	Amtliches Topographisch-Kartographisches Informationssystem
ATL	Active Template Library
ATL	Automatic Tape Library
ATLAS	Abreviated Test Language for All Systems
ATM	Adobe Type/Typeface Manager
ATM	Asynchronous Transfer Mode
ATM	At The Moment (Slang)
ATM	Automated/Automatic Teller Machine
ATMARP	ATM Address Resolution Protocol

ATM-CC	ATM Crossconnect
ATMP	Ascend Tunnel Management Protocol
ATN	Aeronautical Telecommunications Network
ATO	Assemble/Assembly To Order
ATOM	Advanced Terminal for Operation and Maintenance
ATP	Acceptance Test Procedure
ATP	AppleTalk Transaction Protocol
ATP	Adaptive Tolerant Protocol
ATPS	AppleTalk Printing Services
ATR	Answer To Reset
ATR	Attribute
ATR	Automatic Terminal Recognition
ATRAC	Adaptive Transform Acoustic Coding
ATRC	Adaptive Technology Resource Center, U. of Toronto
ATS	Administrative Terminal System
ATS	Advanced Training Solution
ATS	Apple Terminal Services
ATS	Author Title Subject
ATS	Automatic Transfer Switch
ATSC	Advanced Television Systems Committee
ATST	At The Same Time (Slang)
AT&T	American Telephone and Telegraph
ATT	Attenuator
ATT	At This Time (Slang)
ATTC	Advanced Television Test Center, USA
ATV	Advanced/Amateur Television
ATX	Advanced Technology Extended
AU	Administrative/Arithmetic/Access Unit
AUA	Architecture Unifiee d'Applications
AUC	Authentication/Authority Centre
AUDIT	Automated/Automatic Data Input Terminal
AUE	Andrew User Environment
AUFS	Another Union Files System
AUG	Apollo/Arcnet User Group
AUGE	Apple User Group Europe
AUI	Archiver User Interface
AUI	Attached/Attachment Unit/Universal Interface (Ethernet)
AUIS	Andrew User Interface System
AUP	Acceptable/Appropriate Use Policy (Internet)
AUTEX	Automatische Telex- und Teletexauskunft der DBP

AUX	Auxiliary
AUX	Apple UNIX
AV	Antivirus
AV	audio-visuell, Audio-Video
AV	Authenticity Verification
AVA	Audio Visual Authoring (IBM)
AVA	Anruf-Variante
AVA	Attribute Value Assertion
AVC	Access Vector Cache
AVC	Advanced Video Coding
AVC	Audio Visual Connection
AVC	Automatic Volume Control
AVC	Audio Visual Connection (IBM)
AVCD	Audio Visual Computer Display
AVCHD	Advanced Video Codec High Definition
AVD	Alternate Voice or Data
AVERT	Antivirus Emergency Response Team (NAI)
AVERZTXTTX	Amtliches Telex- und Teletexverzeichnis der DBP
AVG	Average
AVI	Audio Video/Visual Interleave/Interleaved (Microsoft)
AVI	Audiovisuelle Integration
AVI	Advanced Visual Interface
AVIA	Architecture for Virtual Interfaces for Applications
AVK	Application Verification Kit
AVK	Audio-Video Kernel
AVL	Adelson-Velskij, Landis (-Baum)
AVN	Adobe Virtual Network
AVON	Amtliches Verzeichnis der Ortsnetze
AVP	Attribute Value Pair
AVR	Automatic Voice Recognition
AVRCP	Audio Video Remote Control Profile
AVS	Advanced Visual System
AVS	Altersverifikationssystem
AVS	Application Visualization System (IBM)
AVSM	Audio-Visual Storage Manager
AVSP	Advanced Video Signal Processor
AVSS	Audio-Video Subsystem Software
AVVID	Architecture for Voice, Video and Integrated Data (Cisco)
AWA	A While Ago (Slang)
AWADO	Automatischer Wechselschalter in der Anschlussdose

AWB	A While Back (Slang)
AWC	Association of Women in Computing
AWCG	Add With Carry (random number) Generator
AWD	Automatische Wähleinrichtung für Datenverbindungen
AWE	Address Windowing Extensions
AWE	Advanced Workstation Environment
AWF	Ausbildung, Weiterbildung, Fortbildung
AWG	American Wire Gauge
AWGN	Additive White Gaussian Noise
AWGTHTGTTA	Are We Going To Have To Go Through This Again? (Slang)
AWHFY	Are We Having Fun Yet? (Slang)
AWL	Anweisungsliste (DIN 19 239)
AWL	Auswahl-Logik
AWL	Auto Whitelist
AWS	Administrative Workstation
AWS	Advanced Workstations and Systems (group) (IBM)
AWS	Amazon Web Services
AWS	Apple Workgroup Server
AWS	Anrufweiterschaltung
AWS	Anwendungssoftware
AWT	Abstract/Advanced Window/Windowing Toolkit
AWU	Auto Wake Up
AX	Automatic Transmission
AXE	Applications Execution Environment
AXTLK	Alien Crosstalk
AXU	Application Specific Execution Unit
AYOR	At Your Own Risc (Slang)
AYST	Are You Still There? (Slang)
AZ	Azimut
AZB	Anzeige-Befehl

B	Basic, Binary, Bit, Block, British, Bus, Business, Byte
B	Backward
B	Bandwidth
B2B	Business To Business
B2C	Business To Consumer
B2E	Business To Employee
B2P	Business To Private
B4	Before (Slang)

B4N	Bye For Now (Slang)
BA	Busankoppler
BAC	Balanced Asynchronous Class
BAC	Basic Access Control
BACP	Bandwidth Allocation Control Protocol
BAD	Broken As Designed
BAG	Buchhändlerische Abrechnungsgesellschaft
BAI	Basic Rate Interface
BAK	Back At Keyboard (Slang)
BAK	Backup
BAK	Binary Adaption Kit (Microsoft)
BAKT	Basisanschlusskonzentrator
BAL	Basic Assembly Language
BALUN	Balanced Unbalanced (transformator)
BAM	Berkeley Abstract Machine
BAM	Block Availability Map
BAM	Boyan Action Module
BAM	Bundesanstalt für Materialprüfung, Berlin
BAN	Body Area Network
BAP	Bandwidth Allocation Protocol
BAPI	Biometric Application Program Interface
BAPI	Business Application Programming Interface
BAPT	Bundesamt Post und Telekommunikation, Mainz
BARRNET	Bay Area Regional Research Network
BARTS	Bell Atlantic Regional Timesharing
BAS	Bild-Austast-Synchron(-Signal)
BAS	Bitrate Allocation Signal
BAS	Btx Anwendungsschnittstelle
BASH	Bourne Again Shell
BASIC	Beginner's All-Purpose Symbolic Instruction Code
BASIS	Battelle Automated Search Information System
BASM	Built-In Assembler
BAT	Baby AT Board
BAT	Block Address Translation
BATC	Block Address Translation Cache
BATV	Bounce Address Tag Validation
BAZ	Belegauswertung von Zahlungsvorgängen
BB	Bandwidth Broker
BB	Base Band
BB	beschränkt balanciert (Baum)

BBAE	Breitband-Anschluss-Einheit (DSL-Splitter)
BBAN	Basic Bank Account Number
BBC	British Broadcasting Corporation
BBCI	Berlin Brain/Bregen Computer Interface
BBK	Basic/Business Bookkeeping
BBK	Be Back Ok? (Slang)
BBK	Berkom Berliner Kommunikationssystem
BBK	Berliner Bibliothekswissenschaftliches Kolloquium
BBK	Birkbeck University of London
BBK	Breitbandkabel (auch BK)
BBK	Broadcast Block
BBK	Buchführung, Bilanzierung, Kostenrechnung
BBL	Be Back Later (Slang)
BBN	Bolt, Beranek and Newman, Inc., Cambridge, Mass. (Internet)
BBNS	Broadband Network Services
BBR	Backbone Ring
BBR	Burnt Beyond Recognition (Slang)
BBRA	Bad Block Relocation Area
BBS	Band-Betriebssystem
BBS	BIOS Boot Select/Specification
BBS	Bulletin Board System
BC	Begin Chain
BC	Business Class
BCA	Burst Cutting Area
BCAM	Basic Communication Access Method
BCC	Blind Carbon Copy
BCC	Block Check/Checking Character
BCCH	Broadcast Control Channel
BCD	Barcode Decal
BCD	Binary Coded Decimal
BCE	Bell Canada Enterprises
BCF	Bandwidth Change Confirmation
BCFSK	Binary Coded Frequency Shift Keying
BCH	Bose-Chaudhuri-Hocquenghem (-Code)
BCI	Batibus Club International
BCI	Broadcast Interference
BCL	Base Class Libraries
BCL	Batch Command Language
BCL	Broadcast Listener
BCM	Bachelor of Computer and Mathematical Sciences

BCM	Back Channel Message
BCM	Basic Call/Connection Management/Manager
BCM	Basic Computing Module
BCM	Basic Control Monitor
BCM	Battery/Bound Control Module
BCM	Binary Coded Matrix
BCM	Bit Clock Model
BCM	Bit Compression Multiplexer
BCM	Block Coded Modualtion
BCM	Broadcast Manager (IBM)
BCM	Bus Converter Module
BCN	Beacon
BCNF	Boyce Codd Normal Form
BCNU	Be Seeing You (Slang)
BCP	Best Current Practice
BCP	Binary/Byte/Bridging Control Protocol
BCP	Bridging Control Protocol
BCP	Bulk Copy Program
BCPL	Basic Computer/Combined Programming Language
BCR	Byte Count Register
BCS	Bar Code Sorter
BCS	BASF Computer Services
BCS	Black Check Sequence
BCS	Boeing Computer Services
BCS	British Computer Society
BCTS	Backup Courier Time Server
BD	Blu-ray Disc
BDA	BIOS Data Area
BDA	Broadcast Driver Architecture
BDC	Backup Domain Controller
BDD	Business Desktop Deployment
BDE	Betriebsdatenerfassung
BDE	BitLocker Drive Encryption
BDE	Borland Database Engine
BDF	Binary Distribution Format
BDF	Bitmap Description/Display Format
BDF	Bitmap Distribution Format (Adobe)
BDK	Beans Development Kit
BDLC	Burroughs Data Link Control
BDLS	Bidirectional Loop Switching

BDO	Bidrectional Overwrite
BDOS	Basic Disk Operating System
BDP	Bandwidth Delay Product
BDPP	Biometric Device Protection Profile
BDR	Beowulf Design Rules
BDR	Bus Device Request
BDSC	Britisch Document Supply Center
BDSG	Bundesdatenschutzgesetz
BDSL	Broadband Digital Subscriber Line
BDU	Brain Dead User (Slang)
BE	Below or Equal
BE	Beschaltungseinheit
BE	Burst Error
BEB	Binary Exponential Backoff
BECN	Backward Explicit Congestion Notification
BEDO	Burst Extended Data Out (DRAM)
BEE	Bertelsmann Electronic Edition
BEEP	Blocks Extensible Exchange Protocol
BEER	Binary Error Exchange Rate
BEL	Bell (ASCII-Zeichen Nr. 7)
BELLCORE	Bell Communications Research, Inc.
BELUG	Bellevue Linux Users Group
BEM	Boundary Element Method
BEN	Bestätigungsnummer
BEP	Bertelsmann Electronic Publishing
BER	Basic Encoding Rules
BER	Bit/Block Error Rate
BERKOM	Berliner Kommunikationssystem
BERT	Bit Error Rate Test/Tester
BESYS	Bell Operating System
BETC	Between Chain
BEV	Boot Entry Vector
BF	Bad Flag
BF	Boundary Function
B/F	Background/Foreground
BFBI	Brute Force and Bloody Ignorance (Slang)
BFDI	Bundesbeauftragter für Datenschutz und Informationsfreiheit
BFF	Binary File Format
BFI	Brute Force and Ignorance (Slang)
BFMI	Brute Force and Massive Ignorance (Slang)

BFN	British Forces Network
BFN	Bye For Now (Slang)
BFO	Beat Frequency Oscillator
BFS	Be File System (BeOS)
BFS	Big File Scanner
BFS	Bitfile Server
BFS	(Unixware) Boot File System
BFS	Breadth First Search
BFT	Binary File Transfer
BFTP	Batch/Background File Transfer Protocol
BFU	Betriebsführungsumsetzer
BFU	Brain Free User (Slang)
BFV	Betriebs-Führungs-Vorfeldrechner
BG	Background
BG	Big Grin (Slang)
BG	Black Generation
BGA	Ball Grid Array
BGE	Branch if Greater or Equal
BGI	Borland's Graphics Interface
BGM	Background Menu
BGMP	Border Gateway Multicast Protocol
BGP	Border Gateway Protocol (Internet)
BGT	Branch if Greater Than
BH	Bottom Half
BH	Branch and Hang
BHCA	Busy Hour Call Attempts
BHI	Branch if Higher
BHIS	Branch if Higher or Same
BHLI	Broadband High Level Information
BHMD	Binocular Helmet Mounted Display
BHO	Browser Helper Object
BHOF	Bald Headed Old Fart (Slang)
BHP	Bayerische Hacker-Post
BHT	Branch History Table
BI	Binary Input
BI	Breidbart Index
BI	Broadcast Invite
BI	Business Intelligence
BIA	Bump In the API
BIB	Bus Interface Board

BIBOP	Big Bag Of Pages
BIC	Bank Identifier Code
BICI	Broadband Inter Carrier Interface
BICS	Beratungsstelle für informationstechnische Bildung und Computereinsatz in Schu
BICS	Binnenvaart Informatie en Communicatie Systeem
BIDI	Bidirectional
BIDS	Broadband Internet Delivery System
BIFET	Bipolar Field Effect Transistor
BIFF	Binary Interchange File Format
BIFS	Binary Format For Scenes
BIGFON	Breitbandiges Integriertes Glasfaser-Fernmelde-Ortsnetz
BILLI	Buried Implanted Layer for Lateral Isolation
BIM	Begin of Information Marker
BIMOS	Bipolar Metal Oxide Semiconductor
BIN	Bachelor of Information Networking
BINAC	Binary Automatic Computer
BIND	Berkeley Internet Name Domain
BINHEX	Binary Hexadecimal
BION	Believe It Or Not (Slang)
BIOS	Basic Input Output System
BIP	Basic Imaging Profile
BIP	Bit-Interleaved Parity
BIPM	Bipartite Matching Code
BIPM	Bureau International des Poids et Mesures
BIPS	Billions Instructions Per Second
BIS	Bibliotheks- und Informationssystem
BIS	Business Information System
BISDN	Broadband/Breitband-ISDN
BIST	Built-In Self Test
BISYNC	Binary Synchronous Communication Protocol (IBM)
BIT	Base Item Type
BIT	Basic Interconnection Test
BIT	Basic Interface Telephone
BIT	Because It’s Time (network)
BIT	Binary Digit
BIT	Bipolar Integrated Technology
BIT	Board of Information Technology
BIT	Broadband Information Technology
BIT	Broadband Internet Terminal
BIT	Built-In Testing

BIT	Business and Information Technology
BIT	Business Internet Trends
BIT	Bytecode Instrumenting Tool
BITD	Back In The Day (Slang)
BITKOM	Bundesverband Informationswirtschaft, Telekommunikation und Neue Medi
BITNET	Because It's Time Network (ein NJE-Netz)
BITNIC	Bitnet Network Information Center
BITS	Background Intelligent Transfer Service
BITV	Verordnung zur Schaffung barrierefreier Informationstechnik nach dem Behi
BIU	Basic Information Unit
BIU	Bus Interface Unit
BIW	Business Intelligence Warehouse
BIX	Byte Information Exchange (ein BBS)
BJ	Backjumping
BJC	Bubblejet Color
BJOERN	Balanced Job Execution on Remote Network
BK	Break In
BK	Breitbandkabel (auch BBK)
BK	Bürokommunikation
BKH	Bekennender Konsolen-/Kommandozeilen-Heini (Slang)
BKL	Big Kernel Lock
BKS	Bundesverband Kabel + Satellit
BKZ	Bereichskennzahl (Datex, Btx)
BL	Backlit
BL	Betriebslenkung
BL	Bit Line
BLACS	Basic Linear Algebra Communication Routines
BLADE	Basic Linear Algebra for Distributed Environments
BLAM	Binary Logarithmic Arbitration Method
BLAS	Basic Linear Algebra Subroutines
BLAST	Bell Labs Layered Space Time
BLAST	Blocked Asynchronous Transmission (Protocol)
BLC	Beam Landing Correction
BLE	Branch if Less or Equal
BLER	Block Error Rate
BLERA	Block Error Rate After Recording
BLERB	Block Error Rate Before Recording
BLERT	Block Error Rate Test
BLI	Business Logic Integration
BLK	Betriebs-Lenkungs-Konzentrator

BLK	Block
BLLI	Broadband Low Level Information
BLM	Bayerische Landeszentrale für Neue Medien, München
BLMC	Buried Logic Macrocell
BLOB	Binary Large Object
BLOC	Brutto Lines Of Code
BLOG	(short for:) Weblog, World Wide Web Logbook
BLOS	Branch if Lower or Same
BLR	Beacon-Less Routing
BM	Backmarking
BM	Bitonic Merge (Graph, Netz)
BM	Burst Mode
BM	Byte Me (Slang)
BMC	Block Multiplex Channel
BMI	Branch if Minus
BMIC	Bus Master Interface Controller (Intel)
BMJ	Backmarking with Backjumping
BMP	Basic Mapping Support
BMP	Basic Multilingual Plane (Unicode)
BMP	Batch Message Processing (Program)
BMP	Bitmap
BMPP	Bulk Mail Preferences Protocol
BMPT	Bundesministerium für Post- und Telekommunikation
BMS	Broadcast Message Server
BMUG	Berkeley MacIntosh Users Group
BNA	Bundesnetzagentur
BNC	Baby N Connector
BNC	Bayonet Neill Concelman
BNC	Bayonet Nut Coupling
BNC	Brain Not Connected (Slang)
BNE	Branch if Not Equal
BNEP	Bluetooth Network Encapsulation Protocol
BNF	Backus-Naur Form
BNF	Big Name Fan (Slang)
BNFSCD	But Now For Something Completely Different (Slang)
BNI	Before Next Interaction
BNK	Betriebsführungs-Netzknoten
BNPF	Begin Negative Positive Finish
BNS	Backbone Network Service
BNS	Broadband Network Services

BNU	Basic Network/Networking Utilities (uucp)
BO	Back Orifice
BO	Binary Output
BO	Bit Oxide (Garbage)
BOA	Basic Object Adapter
BOART	Bus Oriented Asynchronous Receiver Transmitter
BOB	Box Of Bits
BOB	Break-Out Box
BOC	Basic Operator Console
BOC	Bell Operating Company
BOD	Bandwidth/Book On Demand
BOF	Begin Of File
BOF	Birds Of a Feather (Slang)
BOF	Board of Fellows
BOFH	Bastard Operator From Hell
BOFS	Birds Of a Feather Session (Slang)
BOG	BIND Operations Guide
BOI	Balkan/Baltic Olympiad in Informatics
BOINC	Berkeley Open Infrastructure for Network Computing
BOM	Basic Online Memory
BOM	Begin Of Message/Media
BOM	Bill Of Materials
BOM	Business Object Model
BOM	Byte Order Mark
BON	Business Object Notation
BOND	Bandwidth On Demand
BONT	Broadband Optical Network Termination
BOOM	Binocular Omni-Oriented/Orientation Monitor
BOOTP	Bootstrap Protocol (Internet)
BOP	Begin Of Page/Partition
BOP	Bit Oriented Protocol
BOPS	Billion Operations Per Second
BOR	Basic Output Report
BORE	Broken Once Running Everywhere
BORQU	Borland Quattro
BOS	Basic Operating System
BOS	Basic OverSeer (Server)
BOS	Behörden und Organisationen mit Sicherheitsaufgaben
BOS	Bottom Of Stack
BOSS	Bharat Operating System Solutions

BOSS	Business Office Servicing System
BOT	Back On Topic (Slang)
BOT	Begin Of Tape/Table/Transaction
BP	Bandpass
BP	Base Pointer
BP	Breakpoint
BPB	BIOS Parameter Block
BPD	Bank-Parameter-Datei
BPD	Border Protection Device
BPDU	Bridge Protocol Data Unit
BPEL	Business Process Execution Language
BPF	Band Pass Filter
BPF	Berkeley Packet Filter
BPF	Breakpoint Function
BPH	Break Permitted Here
BPI	bits per inch
BPJM	Bundesprüfstelle für jugendgefährdende Medien
BPL	Bedienplatz
BPL	Branch if Plus
BPL	Broadband Over Powerline
BPL	Bugs Per Line
BPM	Bundespostministerium
BPM	Business Performance Management
BPM	Business Process Management/Modelling
BPO	Business Process Outsourcing
BPP	Basic Printing Profile
BPP	Binary Packing Problem
BPP	Bits Per Pixel
BPP	Bounded error, Probabilistic, Polynomial time
BPR	Business Process Reengineering
BPS	bits/bytes per second
BPSK	Binary Phase Shift Keying
BPU	Branch Prediction Unit
BQP	Bounded error, Quantum, Polynomial time
BQS	Berkeley Quality Software
BR	Bad Register
BR	Bit Rate
BRAM	Broadcast Recognizing Access Method
BRAS	Broadband Remote Access Server
BRB	Be Right Back (Slang)

BRD	Blu-ray Disc
BRE	Basic Regular Expression
BREAD	Browse, Read, Edit, Add, Delete
BREP	Boundary Representation
BRGC	Binary Reflected Gray Code
BRI	Basic Rate Interface (ISDN)
BRI	Brain Response Interface
BRIM	Bridge Router Interface Module
BRJ	Bandwidth Change Reject
BRL	Ballistics Research Laboratory
BRQ	Bandwidth Change Request
BRS	Bibliographic Retrieval System
BRS	Big Red Switch (IBM PC)
BRS	Break Request Signal
BRS	Business Recovery Services (IBM)
BS	Backspace
BS	Base Station
BS	Betriebssystem
BS	Bitonic Sort (Graph)
BS	Broadcast Satellite
BSA	Bitstrom-Anschluss
BSA	Business Software Alliance
BSAM	Basic Sequential Access Method
BSB	Blockate State Block
BSC	Base Station Controller
BSC	Binary Synchronous Communications
BSC	Bisynchronous/Binary Synchronous Communication (IBM)
BSC	Boyan Script
BSCW	Basic Support for Cooperative Work
BSD	Basic Standard Definiton
BSD	Berkeley Software/Source/System Design/Distribution
BSDL	Boundary Scan Description Language
BSF	Bit Scan Forward
BSF	But Seriously Folks (Slang)
BSI	British Standards Institute
BSI	Bundesamt für Sicherheit in der Informationstechnik
BSM	Basic Storage Module
BSM	Bracket State Manager
BSMTP	Batch Simple Message Transfer Protocol
BSOD	Blue Screen Of Death

BSP	Binary Space Partition/Partitioning
BSP	Bug Squashing Party
BSP	Bulk Synchronous Parallel (Processing)
BSP	Byte Stream Protocol
BSR	Betriebssystem für Reelle Speicher
BSR	Bit Scan Reverse
BSR	Board of Standards Review (ANSI)
BSRAM	Burst Static Random Access Memory
BSS	Base Station Subsystem
BSS	Basic Service Set (WLAN)
BSS	Blank Storage Space
BSS	Blind Source Separation
BSS	Block Started by Symbol
BSS	Block Storage Segment
BSS	Broadband Switching System
BSS	Business Support System
BSSID	Basic Service Set Identifier
BST	Binary Search Tree
BSU	Basic Striping Unit
BSV	Betriebssystem für Virtuelle Adressierung
BSY	Busy
BSYNC	Binary Synchronous Communications (Protocol)
BT	Bit Test
BT	Bluetooth
BT	British Telecom/Telecommunications
BT	Burst Tolerance
BTA	But Then Again (Slang)
BTAC	Branch Target Address Cache
BTAIM	Be That As It May (Slang)
BTAM	Basic Telecommunication Access Method (IBM)
BTB	Branch Target Buffer
BTC	Bit Test and Complement
BTC	Biting The Carpet (Slang)
BTC	Broadband Transfer Capability
BTDT	Been There Done That (Slang)
BTHOM	Beats The Hell Outta Me (Slang)
BTI	British Telecom International
BTI	Business Type Identifier
BTIC	But Then, I'am Crazy (Slang)
BTK	Back To Keyboard (Slang)

BTL	Bell Telephone Laboratories
BTLB	Block TLB
BTMA	Busy Tone Multiple Access
BTO	Built To Order
BTOA	Binary To ASCII
BTP	Banana Tree Protocol
BTP	Batch Transfer Program
BTP	Business Transaction Protocol
BTR	Bit Test and Reset
BTRFS	B-Tree File System
BTS	Base Transceiver Station/System
BTS	Bit Test and Set
BTS	Bug Tracking System
BTSOOM	Beats The Shit Out Of Me (Slang)
BTU	Basic Transmission Unit
BTW	By The Way (Slang)
BTX	Balanced Technology Extended
BTX	Bildschirmtext
BU	Branch Unit
BUAF	Big Ugly ASCII Font
BUAG	Big Ugly ASCII Graphic
BUBL	Bulletin Board for Libraries
BUCS	Budgeting and Computing System
BUF	Buffer
BUMS	Broadband Unified Messaging System
BUP	Backup (file)
BUP	Buffer Underrun Protection
BUS	Bild und Schrift
BUS	Binary Utility System
BUS	Broadcast and Unknown Server
BUUG	Belgian UNIX Users Group
BVB	Bundesverband Informations- und Kommunikationssysteme
BVD	Boot Volume Descriptor
BVDM	Bundesverband Druck und Medien
BVDW	Bundesverband Digitale Wirtschaft
BVH	Base Video Handler
BVIT	Bundesverband Informationstechnologien, Bonn
BVSE	Bundesverband für Sekundärrohstoffe und Entsorgung
BVSI	Bundesverband der Selbständigen in der Informatik
BVV	Bundesverband Audiovisuelle Medien

BW	Bandwidth
BWA	Broadband Wireless Access
BWF	Broadcast Wave Format
BWIN	Breitband Wissenschafts-Netz
BWM	Block Write Mode
BWQ	Buzz Word Quotient
BWSN	Baden-Württembergisches Schulnetz
BWT	Broadband Wireless Technology
BWT	Burrows Wheeler Transformation
BYKT	But You Knew That (Slang)
BYP	Bypass
BZ	Betriebszentrale
BZR	Befehlzählregister
BZT	Bundesamt für Zulassungen in der Telekommunikation
BZV	Bargeldloser/Belegorientierter Zahlungsverkehr
BZV	Befristeter Zählervergleich
BZVD	Beratungszentrum für Videokonferenzdienste, Dresden

C	Cable, Communication, Computer, Conference, Control
C2C	Consumer To Consumer
C2CC	Car To Car Communication
C2D	Character To Decimal
C3I	Command, Control, Communication, Intelligence
C4	Command, Control, Communication + Computers
CA	Cable
CA	Call Agent
CA	Cellular Automaton
CA	Certification Authority
CA	Collision Avoidance
CA	Common Applications
CA	Computer Animation
CA	Computer Associates
CA	Conditional Access
CAA	Computer Aided Assembling/Anthropometrics/Animation
CAAD	Computer Aided Architectural Design
CAB	Cabinet (Microsoft)
CAB	Compressed Application Binary
CAB	Computer Aided Breakfast
CAC	Carrier/Channel Access Code

CAC	Computer Aided Consulting/Computing/Creativity/Christmas/Crime
CAC	Connection Admission Control
CACLS	Change Line Access Control Lists
CACM	Communications of the ACM
CAD	Class Association Diagram
CAD	Computer Aided Design/Detection
CAD	Computer Aided Dinner
CADAM	Computer Aided Design And Manufacturing
CADAPSO	Canadian Assosciation of Data Processing Organizations
CADD	Computer Aided Design and Drafting
CADD	Computer Aided Drug Design
CADE	Client/Server Application Development Environment
CADE	Computer Aided Data Entry
CADEP	Computer Aided Design of Electronic Products
CADIC	Computer Aided Design of Integrated Circuits
CADIS	Computer Aided Design Interactive System (Siemens)
CADMAT	Computer Aided Design, Manufacturing and Testing
CADMOS	Computerorientiertes Administrations- und Organisationssystem
CADOS	Computer Aided Design of Systems
CAE	Client Application Enabler
CAE	Common Applications Environment
CAE	Computer Aided/Assisted Education
CAE	Computer Aided Engineering
CAEN	Chemically Assembled Electronic Nanocomputer
CAEX	Computer Aided Exploration
CAF	Computer Aided Fishing
CAF	Computer and Academic Freedom
CAFE	Conditional Access For Europe
CAFM	Computer Aided Facilities Management
CAG	Chassis Air Guide
CAG	Column Adress Generator
CAH	Computer Aided Holidays/Homework/Hausaufgaben
CAHN	Cellular Assisted Heterogeneous Networking
CAI	Common Air Interface
CAI	Computer Aided Industry
CAI	Computer Aided Inspiration
CAI	Computer Aided/Assisted Instruction
CAIN	Controlled Access by Individual Number
CAIR	Comprehensive Assessment Information Rule
CAIRN	Collaborative Advanced Interagency Research Network

CAIRS	Computerized Accident/Incident Reporting System
CAIS	Common APSE Interface Set
CAIT	Computer Aided Inspection and Testing
CAK	Computer-Anwendungen Karlsruhe
CAL	Client Access License
CAL	Common Assembly Language
CAL	Computer Aided Life/Learning/Lunch
CAL	Computer Animation Language
CAL	Conversational Algebraic Language
CALAS	Computer Aided Laboratory Automation System
CALC	Customer Access Line Charge
CALEA	Communications Assistance for/to Law Enforcement Act
CALIES	Computer Aided Locomotion by Implanted Electrical Stimulation
CALL	Computer Aided/Assisted Language Learning
CALLE	Control Application Link Layer Engineering
CALM	Collected Algorithms for Learning Machines
CALS	Continuous Acquisition and Lifecycle Support
CALTECH	California Institute of Technology
CAM	Central Address Memory
CAM	Common/Communication Access Method
CAM	Computer Aided Machining/Manufacturing
CAM	Concentrator/Conditional Access Module
CAM	Conditional Access Module
CAM	Content Addressable/Addressed Memory
CAMAC	Computer Automated Measurement And Control
CAMD	Computer Aided Molecular Design
CAMEL	Computer Assisted Education Language
CAML	Categorial Abstract Machine Language
CAMP	Compiler for Automatic Machine Programming
CAMP	Computer Assisted Movie Production
CAN	Campus/Communications/Complete Area Network
CAN	Cancel
CAN	Cancel Line
CAN	Car Area Network
CAN	Community Alert Network
CAN	Content Addressable Network
CAN	Controller Area Network
CAN	Customer Access Network
CANAL	Catalog with Natural Language Access
CANS	Computer Assisted Network System

CANUNET	Canadian University Computer Network
CAO	Computer Aided Administration and Organization
CAO	Computer Aided Optimization
CAP	Calendar Access Protocol
CAP	Carrierless Amplitude Modulation/Phase Modulation
CAP	Central Arbitration Point
CAP	Columbia AppleTalk Package
CAP	Common Alerting Protocol
CAP	Communication Application Platform
CAP	Competitive Access Provider
CAP	Computer Aided Planning/Production/Publishing
CAP	Computer Application Profile
CAP	Computing for Analysis Project
CAP	Content Access Point
CAP	Continuous Audit Program
CAP	CTM Access Profile
CAPD	Computer To Assist Persons with Disabilities
CAPE	Computer Aided Pattern Engineering
CAPE	Concurrent Art-to-Product Environment
CAPI	Common ISDN Application Programming Interface
CAPI	Communication Application Program Interface
CAPP	Carrierless Amplitude Phase
CAPP	Computer Aided Printing and Publishing
CAPP	Computer Aided Process/Production Planning
CAPP	Computer Applications Program
CAPP	Computer Assisted Payment Processing
CAPPC	Computer Aided Production Planning and Control
CAPPP	Computer Aided Process and Production Planning
CAPS	Capitals (Großbuchstaben)
CAPS	Cassette Programming System
CAPS	Computer Assisted Problem Solving
CAPSC	Computer Aided Production Scheduling and Control
CAPTAIN	Character and Pattern Telephon Access Information Network
CAPTCHA	Completely Automated Public Turing test to tell Computers and Humans Apa
CAQ	Computer Aided Quality Assurance/Control
CAR	Committed Access Rate
CAR	Computer Assisted Radiology
CAR	Channel Address Register
CAR	Compressed Audio Recording
CAR	Computer Aided Retrieval

CARA	Computer Aided Radio Amateur
CARAM	Content Addressable Random Access Memory
CARD	Cluster Aware Remote Disk
CARDIS	Cargo Data Interchange System
CARE	Computer Aided Reliability Estimation
CARE	Computer Aided Reverse Engineering
CARL	Chemisches Aufweiten von Resist-Linien (Siemens)
CARL	Colorado Alliance of Research Libraries
CARLOS	Cancer Registry Lower Saxony
CARO	Computer Anti-Virus Research Organization
CARP	Caching RSS Parser
CARP	Common Address Redundancy Protocol
CARS	Computer Aided Risc Simulation
CARS	Computer Aided Routing System
CARS	Computer Assisted Radiology and Surgery
CART	Computer Assisted Radar Tomography
CAS	Collision Avoidance System
CAS	Column Address Select/Strobe
CAS	Communicating Applications Specification
CAS	Computer Aided Selling/Service/Styling
CAS	Computer Algebra System
CAS	Conditional/Control/Communication Access System
CASC	Coalition for Academic Supercomputer Centers
CASD	Computer Aided System Design
CASE	Common Applications Service Element
CASE	Computer Aided Software Engineering
CASE	Computer Aided System Evaluation
CASL	Common Algebraic Specification Language
CASL	Crosstalk Application Scripting Language
CASS	Computer Assisted Search Service
CASS	Computer Assisted Surveillance System
CASSIS	Classified And Search Support Information System
CAST	Center for Applied Security Technology, Darmstadt
CAST	Center for Applied Special Technology
CAST	Competence Center for Applied Security Technology
CAST	Computer Aided Software Testing
CAT	Category
CAT	Character Assignment Table
CAT	Chordal Axis Transformation
CAT	Common Allocation Table

CAT	Common Authentication Technology
CAT	Computer Adaptive Test
CAT	Computer Aided Teaching/Testing/Telecommunication/Translation/Transscrip
CAT	Computerized Axial Tomography
CAT	Concatenate
CAT	Conditionally Accepted Tag
CATIA	Computer Graphic Aided Three Dimensional Interactive Application
CATNIP	Common Architecture for Next Generation Internet Protocol
CATP	Computer Aided Technical Publishing
CATS	Computer Aided/Assisted Teaching/Tracking/Training System
CATS	Computer Aided Telephony Services
CATS	Computer Automated Test System
CATT	China Academy of Telecommunication Technology
CATV	Cable Television
CATV	Common/Community Antenna Television
CAU	Command and Arithmetic Unit
CAU	Control/Controlled/Concentrator Access Unit
CAUCE	Coalition Against Unsolicited Commercial Email
CAV	Computer Aided Verification
CAV	Constant Angular Velocity
CAVE	Cave/Computer Automatic Virtual Environment
CAVE	Computer Aided Vision Engineering
CAW	Channel Address Word
CB	Call Back
CB	Cell Broadcast
CB	Citizens' Band
CBA	Compare and Branch Anyway
CBA	Computational Biology Activity
CBA	Computer Based Assessment/Automation
CBA	Computer Battery Analyzer
CBA	Current Buffer/Byte Address
CBAC	Context Based Access Control
CBC	Canadian Broadcasting Corporation
CBC	Cipher Block Chaining
CBCR	Channel Byte Count Register
CBDS	Connectionless Broadband Data Service
CBDTPA	Consumer Broadband and Digital Television Promotion Act
CBE	Cell Broadband Engine
CBEFF	Common Biometric Exchange Format Framework
CBEMA	Computer and Business Equipment Manufacturers' Association

CBGA	Ceramic Ball Grid Array
CBI	Charles Babbage Insitute
CBI	Computer Based Instruction/Instrumentation
CBI	Crossbar Interface
CBIP	Compressed Binaries IBM PC
CBIP	Current Book In Progress
CBIR	Content Based Image Retrieval
CBIRS	Content Based Image Retrieval System
CBJ	Conflict-directed Backjumping
CBL	Communication By Light
CBL	Computer Based Learning
CBMS	Computer Based Mail System
CBN	Community Based Network
CBO	Coupling Between Object Classes
CBQ	Class Based Queuing
CBR	CAS before RAS
CBR	Constant/Continuous Bit Rate
CBR	Content Based Retrieval
CBS	Crossbar Switch
CBT	Computer Based Training
CBT	Core Based Tree
CBW	Convert Byte to Word
CBX	Computer-controlled/Computerized Branch Exchange
CC	Cable Connector
CC	Call/Communication Center
CC	Carbon Copy
CC	Chain/Channel Command
CC	Classification Code
CC	Cluster/Communications Controller
CC	Common Criteria (for IT Security Evaluation)
CC	Condition Command/Code
CC	Congestion Control
CC	Connected Client
CC	Country Code
CC	Coupled Channel
CC	Creative Commons
CC	Crossconnect
CC	Cursor Control
CC	Cyclic Check
CCA	Clear Channel Assessment

CCA	Copy Control Association
CCB	Change Control Board
CCB	Channel Command/Control Block
CCB	Cyclic Check Byte
CCBS	Completion of Call to Busy Subscriber
CCC	Ceramic Chip Carrier
CCC	Change and Configuration Control
CCC	Chaos Computer Club, Hamburg
CCC	Computer Chess Competition
CCC	Conference Control Channel
CCC	Credit Card Calling
CCCB	Command, Control, Communications in Buildings
CCCH	Common Control Channel
CCD	Charge Coupled Device
CCD	Class Communication Diagram
CCE	Configuration Control Element
CCF	Central Computing Facility
CCF	Chain Command Flag
CCF	Common Channel Framework
CCFCC	Computer Coordinated Family Communcation and Cooperation
CCFL	Cold Cathode Fluorescent Lamp
CCFT	Cold Cathode Fluorescent Tube
CCI	Common Client Interface
CCI	Copy Control Information
CCIA	Computer + Communications Industry Association
CCID	Call Correlation Identifier
CCID	Computers, Communications, Information Dissemination
CCID	Corporate Customer Inforamtion Database
CCIE	Cisco Certified Internetwork Expert
CCIR	Comite Consultatif International des Radiocommunications
CCIRN	Committee for Intercontinental Research Networks
CCIS	Command and Control Information System
CCIS	Common Channel Interoffice Signaling
CCITT	Comite Consultatif International de Telegraphie et de Telephonie
CCK	Centre de Calcul El Khawarizmi, Tunis
CCK	Communication Commission of Kenya
CCK	Complementary Code Keying
CCK	Computerclub Kamen
CCL	Closed Conference Loop
CCL	Commerce Control List

CCL	Common Command Language
CCL	Connection/Cursor Control Language
CCL	Corel Contractual Licensing
CCL	Creative Commons License
CCLC	Carrier Common Line Charge
CCLF	Cold Cathode Fluorescence Light
CCM	Color Management System
CCM	Computer Controlled Manufacturing
CCM	CORBA Component Mode/Model
CCM	Counter with CBC-Mac
CCN	Cluster Controller
CCN	Cordless Communication Network
CCNA	Cisco Certified Network Associate
CCNG	Computer Communications Networks Group
CCNP	Cisco Certified Network Professional
CCNR	Completion of Call on No Reply
CCNUMA	Cache Coherent NUMA
CCP	CAN Calibration Protocol
CCP	Certified Computing Professional
CCP	Compression Control Protocol
CCP	Concurrent Constraint Programming
CCP	Console/Communications Command/Control Processor/Program
CCPP	Composite Capability Preference Profile
CCR	Center for Communications Research
CCR	Command and Control Research
CCR	Commitment, Concurrency, Recovery (OSI)
CCR	Current Cell Rate
CCRN	Coordinating Council on Research Networks
CCS	CAPI Connection Service
CCS	Closely Coupled System
CCS	Colour Calibration System
CCS	Common Channel Signalling
CCS	Common Command Set (SCSI)
CCS	Common Communication Services/Support
CCS	Computing Classification System
CCS	Continuos Composite Servo
CCS	Cryptographic Checksum
CCSA	Checkpoint Certified Security Administrator
CCSA	Common Control Switching Arrangement
CCSB	The Collection of Computer Science Bibliographies, Karlsruhe

CCSD	Cellular Circuit-Switched Data
CCSE	Checkpoint Certified Security Engineer
CCSID	Coded Character Set Identifier (IBM)
CCSIS	Community College Student Information System
CCSP	Contextually Communicating Sequential Process
CCSS7	Common Channel Signalling System No. 7
CCSY	Cooperative Computing System Program
CCT	Computerized Communication Terminal
CCTLD	Country Code Top Level Domain
CCTV	Closed Circuit Television
CCU	Central Communication/Control Unit
CCU	Communications Control Unit
CCU	Customer Control Unit
CCUT	Computer Center at the University of Tokyo
CCVP	Cisco Certified Voice Professional
CCVR	Centre de Calcul Vectoriel pour la Recherche
CCW	Channel Command Word
CCW	Coherent Continuous Wave
CCW	Continuous Composite Write (Once Disc)
CCX	Cisco Compatible Extension
CD	Call Deflection
CD	Carrier Detect
CD	Chained Data
CD	Change Direction/Directory
CD	Collision Detection
CD	Colour Display
CD	Committee Document (ISO)
CD	Compact Disk
CD	Control Data
CD-R	Compact Disk Recordable
CD-RW	Compact Disk Re-Writable
CDA	Clinical Document Architecture
CDA	Communications Decency Act
CDA	Compact Disk Audio (track)
CDA	Compound Document Architecture (DEC)
CDAS	Control and Data Acquisition System
CDATA	Character Data
CDB	Consolidated Database
CDBT	Compact Disk Based Training
CDC	Certificate Distribution Center

CDC	Connected Device Configuration
CDC	Control Data Corporation (USA)
CDC	Cult of the Dead Cow
CDD	Custom Debian Distribution
CDDA	Compact Disc Digital Audio
CDDB	Compact Disc Data Base
CDDI	Copper Distributed Data Interface
CDDL	Common Development and Distribution License (Sun)
CDE	Common Desktop Environment
CDE	Compact Disc Erasable
CDE	Complex Data Entry
CDE	Cooperative Development Environment
CDEV	Control Panel Device
CDF	Channel Definition File/Format
CDF	Comma Delimited Format
CDF	Common Data File/Format
CDF	Compound Document Framework
CDF	Context Dependent File
CDF	Cyberspace Description Format
CDFS	Compact Disc File System
CDG	Compact Disc Graphical
CDI	Compact Disc Interactive
CDI	Context Dependent Interchangeability
CDIA	Certified Document Imaging Architect
CDIF	Case Data Interchange Format
CDISC	Clinical Data Interchange Standards Consortium
CDL	Computer Design Language
CDM	Code Division Multiplex
CDM	Compressed Data Mode
CDMA	Code Division Multiple Access
CDMF	Commercial Data Masking Facility
CDN	Content Delivery Network
CDNC	Chinese Domain Name Consortium
CDO	Collaboration Data Object
CDOS	Concurrent Disk Operating System
CDP	Certificate in Data Processing
CDP	Cisco Discovery Protocol
CDP	Conditional Diphase (Encoding)
CDPD	Cellular Digital Packet Data
CDR	Call Detail Record/Recording

CDR	Common Data Representation
CDR	Compact Disk Recordable
CDR	Corel Draw Format
CDRA	Character Data Representation Architecture
CDRAM	Cached Dynamic Random Access Memory
CDRDX	Compact Disk Read Only Memory Data Exchange Standard
CDRFS	Compact Disc Recordable File System
CDRL	Contract Data Requirements List
CDROM	Compact Disk Read Only Memory
CDROMXA	CD-ROM Extended Architecture
CDS	Cactus Data Shield
CDS	Cell Directory Service (OSF, DCE)
CDS	Class Data Sharing
CDS	Cross Domain Solution
CDS	Current Directory Structure
CDSA	Common Data Security Architecture (Initiative)
CDSL	Consumer Digital Subscriber Line
CDSL	Context Dependent Symbolic Link
CDT	Center for Democracy and Technology (USA)
CDTV	Commodore Dynamic Total Vision
CDTV	Compact Disk Television
CDU	Central Data Unit
CDU	Classification Decimale Universelle
CDU	Code Distribution Unit
CDU	Computers Down Under
CDU	Configuration Data Unit
CDU	Connectix Desktop Utilities
CDU	Control Data Unit
CDV	Compact Disk Video
CDV	Cell Delay Variation
CDVT	Cell Delay Variation Tolerance
CDWO	Compact Disk Write Once
CE	Cache/Chip/Convert Enable
CE	Clear Entry
CE	Collision Elimination
CE	Conformite Europeenne (Konformitätskennzeichen)
CE	Consumer Electronics
CE	Customer Edge (device)
CEASA	Cellular Emergency Alert Service Association
CEATA	Consumer Electronics Advanced Technology Attachment

CEB	Comite Electrotechnique Belge
CEB	Conditional End Bracket
CEBIT	Centrum für Büro, Information und Telekommunikation
CEBUS	Consumer Electronics Bus
CEC	Certified E-Commerce Consultant
CECC	Electronic Components Committee
CECMG	Central Europe Computer Measurement Group
CECP	Country Extended Code Page
CEDEX	Courrier d'entreprise distribution exceptionelle
CEFIC	EDIFACT-Subset Chemical Industry
CEG	Continuous Edge Graphics
CEI	Conducted Electromagnetic Interference
CEIP	Customer Experience Improvement Program
CEK	Content Encryption Key
CELP	Card Edge Low Profile
CELP	Code Excited Linear Prediction
CELT	Corpus of Electronic Texts
CEM	Common Evaluation Methodology
CEM	Computational Electromagnetics
CEMEC	Committee of European Associations of Manufacturers of Electronic Components
CEMM	Compaq Expanded Memory Manager
CEMS	Constituent Electronic Mail System
CEN	Comite Europeen de Normalisation
CENELEC	Comite Europeen de Normalisation Electrotechnique
CENTR	Council of European National Top level domain Registries
CEO	Chief Executive Officer
CEOI	Central European Olympiad in Informatics
CEOP	Conditional End Of Page
CEP	Connection End Point
CEPEC	Committee of European Associations of Manufacturers of Passive Electronic Comp
CEPIS	Council of European Professional Informatics Societies
CEPT	Conference Europeenne des Administrations des Postes et des Telecommunicatio
CER	Canonical Encoding Rules
CER	Cell Error Ratio
CERA	Climate and Environmental Data Retrieval and Archive
CERF	California Education and Research Federation (network)
CERN	Conseil Europeen pour la Recherche Nucleaire
CERT	Computer Emergency Response Team
CES	Circuit Emulation Service
CES	Coast Earth Station

CES	Consumer Electronics Show
CESC	Component Encoding Stream Construction
CESG	Communications Electronics Security Group (UK)
CESH	Competence Center Electronic Shopping
CEST	Central European Summer Time
CESU	Compatibility Encoding Scheme for UTF (Unicode)
CET	Central European Time
CEV	Commission on Electronic Voting
CF	Call Forwarding
CF	Compact Flash (Card)
CF	Compact Framework
CFB	Call Forwarding Busy
CFB	Cipher Feedback
CFB	Configurable Function Block
CFD	Call For Discussion (Usenet)
CFD	Computational Fluid Dynamics
CFDP	Coherent File Distribution Protocol (Internet)
CFDPCLN	Coherent File Distribution Protocol Client
CFDPTKT	Coherent File Distribution Protocol Ticket
CFE	Common Firmware Environment
CFE	Connected Family Environment
CFG	Configuration
CFH	COBOL File Handler
CFI	Canonical Format Indicator
CFL	Context Free Language
CFM	Clock From Master
CFM	Code Fragment Manager
CFM	Common Functional Model
CFM	Configuration Management
CFML	Cold Fusion Markup Language
CFNR	Call Forward/Forwarding on No Reply/Response
CFOR	Conversational FORTRAN
CFP	Call For Proposal
CFP	Computer, Freedom and Privacy
CFP	Content/Contention Free Period
CFR	Computerized Facial Recognition
CFR	Controlled Ferro Resonant (-USV)
CFRI	California Federation of Research Internets
CFS	Caching/Central/Common/Cryptographic File System
CFS	Completely Fair Scheduler

CFT	Chirp Fourier Transform
CFT	Cray Fortran Compiler
CFTT	Computer Forensics Tool Testing
CFU	Call Forwarding Unconditional
CFV	Call For Votes (Usenet)
CG	Computer Graphics
CG	Control Gate
CG	Core Gateway
CG	Cyclic Group
CGA	Color Graphics Adapter (PC)
CGAL	Computational Geometry Algorithm Library
CGATS	Committee for Graphic Arts Technologies Standards
CGE	(Linux) Carrier Grade Edition
CGE	Common Graphics Environment
CGE	Compagnie General d'Electricite
CGI	Common Gateway Interface
CGI	Common/Composite/Computer Graphics Interface
CGI	Computer Generated Image/Imagery
CGL	Carrier Grade Linux
CGM	Computer Graphics Metafile
CGMIF	Computer Graphics Metafile Interchange Format
CGMS	Copy Generation Management System
CGPP	Computer Grahics: Principles and Practise (by Fowley)
CGS	Common Graphics System
CGS	Computer Graphics Society
CGS	Continuous Grain Silicon
CGS	International Computer Graphics Society
CGU	Computer Graphics Unit
CGW	Customer/Campus Gateway
CH	Cyclic Header
CHAOS	Cheap Array of Obsolete Systems
CHAP	Cryptographic/Challenge Handshake Authentication Protocol
CHARM	Character Mode
CHAT	Conversational Hypertext Access Technology
CHCK	Channel Check
CHCP	Change Code Page
CHDD	Certified Help Desk Director
CHDD	Cockpit Head Down Display
CHE	Channel Hot Electron
CHI	Computer Human Interaction/Interface

CHIC	Constraint Handling in Industry and Commerce
CHIL	Computers in the Human Interaction Loop
CHIL	Current Hogging Injection Logic
CHILD	Computer Having Intelligent Learning and Development
CHILL	CCITT High Level Language
CHIPS	Clearinghouse Interbank Payments System
CHKPT	Checkpoint
CHL	Current Hogging Logic
CHM	Cooperative Hypermedia
CHOP	Channel Operator
CHPC	Center for High Performance Computing
CHR	Character
CHR	Constraint Handling Rules
CHRP	Common Hardware Reference Platform
CHS	Cylinders, Heads, Sectors
CHTML	Compact/Compressed Hypertext Markup Language
CHV	Card Holder Value
CI	Call Intrusion
CI	Coded Information
CI	Command Interpreter
CI	Common/Component/Computer Interface
CI	Communications Integrator
CI	Computational Intelligence
CI	Computer Interconnect/Interface
CI	Congestion Indicator
CI	Continuous Integration
CI	Control and Indication
CIA	Computer Interface Adapter
CIA	CAN In Automation
CIA	Current Instruction Address
CIAC	Computer Incident Advisory Capability
CIAM	Computerized Integrated and Automatic Manufacturing
CIAO	Component-Integrated ACE ORB
CIB	Computer Integrated Building/Bureaucracy
CIC	Carrier Identification Code
CIC	Certified IT Consultant
CIC	Committee on Institutional Cooperation
CIC	Coordination and Information Center (CSNet)
CIC	Computing Information Center
CIC	Computing, Information + Communications

CICA	Center of Innovative Computer Applications
CICS	Customer Information Control System (IBM)
CID	Charge Injection Device
CID	Conference Identifier
CID	Configuration, Installation, Distribution
CID	Customer Identifier
CIDAS	Conversational Interactive Digital Analog Simulator
CIDIF	Centre International pour le Developpement de l'Inforoute en Francais
CIDP	Computer Industry Development Potential
CIDR	Classless Inter/Internet Domain Routing
CIE	Commission Internationale de l'Eclairage (Farbmodell)
CIELAB	Commission Internationale de l'Eclairage LAB (Farbmodell)
CIEXYZ	Commission Internationale de l'Eclairage XYZ (Farbmodell)
CIEDS	Computer Integrated Electron Design Series
CIF	Cell in Frames
CIF	Computer Integrated Facilities
CIF	Common Intermediate Format
CIF	Customer Information Feed
CIFS	Common Insecurity Fail Scrutiny
CIFS	Common Internet File System (Protocol)
CIIN	Corporate Integrated Information Network
CIIR	Center for Intelligent Information Retrieval, Mass.
CIK	Crypto-Ignition Key
CIL	Common Intermediate Language
CIL	Computer Inoperative Limits
CIL	Computerintegrierte Logistik
CIM	Common Information Model
CIM	CompuServe Information Manager
CIM	Computer Input Microfilm
CIM	Computer Integrated Manufacturing
CIM	Custom Install Manager
CINT	Call Interception
CIO	Central Imagery Office
CIO	Chief Information Officer
CIOCS	Communication Input/Output Control System (IBM)
CIOS	Communication Institute for Online Scholarship
CIP	Catalogue Interoperability Protocol
CIP	Catalogue/Cataloguing In Publication/Publishing
CIP	Classical IP
CIP	Command Interface Port

CIP	Common Indexing Protocol
CIP	Common ISDN Access Profile
CIP	Compatible Independent Peripherals
CIP	Computer Aided Intuition Guided Programming
CIP	Computer-Investitionsprogramm des Bundes und der Länder
CIP	Concert Internet Plus
CIP	Constraint Imperative Programming
CIPA	Children's Internet Protection Act
CIPE	Cryptographic Internet Protocol Encapsulation
CIPP	Contexts, Input, Processes + Products
CIPR	Commission on Intellectual Property Rights
CIPS	Canadian Information Processing Society
CIPSO	Commercial/Common Internet Protocol Security Option
CIR	Classless Interdomain Routing
CIR	Committed Information/Interface Rate
CIRC	Circular Reference
CIRC	Cross Interleaved Reed Solomon Code
CIRSC	Cross Interleave Solomon Code
CIS	CALEA Implementation Section
CIS	Card Information Structure
CIS	Cascade Inline Scripting
CIS	CASE Integration Services
CIS	Center for Internet Security
CIS	Client Information Server/System
CIS	Compact Image Sensor
CIS	Computer Information System
CIS	CompuServe Information Service
CIS	Computational and Information Sciences
CIS	Contact Image Sensor
CIS	Computerized Information Service
CIS	Customer Information System
CISAC	Confederation Internationale des Societes d'Auteurs et Compositeurs
CISAM	C-Index Sequential Access Method
CISC	Complex Instruction Set Computer/Code
CISE	Computer and Information Science and Engineering Directorate
CISKA	Campus Informationssystem der Universität Karlsruhe
CISPR	Comite International Special des Perturbations Radioelectriques
CIT	California Institute of Technology
CIT	Communications Improvement Team
CIT	Company Integrated Telephony

CIT	Computer Integrated Telephone/Telephony
CITAB	Computer Instruction and Training Assistance for the Blind
CITED	Copyright In Transmitted Electronic Documents
CITIS	Contractor Integrated Technical Information Service
CITSF	Commission Internationale de Telegraphie Sans Fil
CIVR	Computer and Interactive Voice Response
CIW	Certified Internet Webmaster
CIX	Central/Commercial Internet Exchange
CIX	Compulink Information Exchange
CIX	Commercial Internet Exchange (Association)
CJKV	Chinese - Japanese - Korean - Vietnamese
CJLI	Command Job Language Interpreter
CK	Clock
CKD	Count Key Data
CKE	Clock Enable
CKSM	Checksum
CL	Closed Loop
CL	Computational Linguistics
CL	Connectionless Service
CL	Control Language
CL	Current License
CL	Cycle Length
CLAA	Carry Look Ahead Adder
CLAG	Carry Look Ahead Generator
CLAMS	Common Los Alamos Mathematical Software
CLAR	Channel Local Address Register
CLASP	Computer Language for Aeronautics and Space Programming
CLASS	Client Access to Systems and Services
CLASS	Custom Local Area Signalling Service
CLB	Component Load Balancing
CLC	Capacity Limiting Constituents
CLC	Clear Carry Flag
CLC	Computing Learning Center
CLCC	Closed Loop Congestion Control
CLCS	Current Logic Current Switching
CLD	Clear Direction Flag
CLDATA	Cutter Location Data
CLDC	Connected Limited Device Configuration
CLDR	Common Locale Data Repository
CLE	Certified Linux Engineer/Expert

CLEC	Competitive Local Exchange Carrier
CLEF	European Commercial Licensed Evaluation Facilities
CLEO	Classified Energy Online (database)
CLF	Common Log (File) Format
CLH	Command Line History
CLI	Call Level Interface
CLI	Calling Line Identification
CLI	Clear Interrupt (flag)
CLI	Client Library Interface
CLI	Command Line Interface/Interpreter
CLI	Common Language Infrastructure/Interface/Interpreter
CLIB	C Library
CLIC	Chemnitzer Linux Cluster
CLICS	Computer Linked Information for Container Shipping
CLID	Calling Line Identification
CLIP	Calling Line Identification Presentation
CLIR	Calling/Connected Line Identification Restriction
CLIST	Command List
CLK	Clock
CLL	Corel License for Learning
CLLM	Consolidated Link Layer Management
CLMP	Connectionless-Mode Network Protocol
CLNP	Connectionless Network Protocol (OSI)
CLNS	Connectionless Mode Network Service
CLO	Class Option (LaTeX)
CLOB	Character Large Object
CLOE	Common LISP Operating Environment
CLOO	Reverse Object Oriented Logical Channel
CLOS	Common LISP Object System
CLOWN	Cluster Of Working Nodes
CLP	Cell Loss Payload/Priority
CLP	Clipboard
CLP	Constraint Logic Programming
CLPPCRE	Common Lisp Portable Perl Compatible Regular Expressions
CLR	Cell Loss Ratio
CLR	Clear
CLR	Common Language Runtime
CLR	Computer Language Research
CLRTC	Clear Real Time Clock
CLS	Clear Screen

CLS	Common Language Support
CLS	Connectionless Server
CLSID	Class Identifier
CLT	Communcations Line Terminal
CLT	Computer Language Translator
CLTD	Clock and Tones Distribution
CLTP	Connectionless Transport Protocol (OSI)
CLTS	Clear Task Switch Flag
CLTS	Connectionless Transport Service
CLTV	Constant Linear Time Velocity
CLU	Central Logic Unit
CLUF	Contrat de Licence Utilisateur Final
CLUI	Command Line User Interface
CLUT	Colour Look-up Table
CLV	Ceiling Limit Value
CLV	Constant Linear Velocity
CLW	Certified Linux Wizard
CM	Central Memory
CM	Communications Manager (IBM)
CM	Compilation Manager
CM	Configuration Management
CM	Connection Machine
CM	Control Mark
CM	Corrective Maintenance
CMA	Concert Multi-thread Architecture
CMAK	Connection Manager Administration Kit
CMAN	Cluster Manager
CMAR	Control Memory Address Register
CMB	Common Management Bus
CMC	Common Mail/Messaging Call
CMC	Communication Management Configuration
CMC	Complement Carry Flag
CMC	Computer Mediated Communication
CMC	Construction Maintenance Center
CMD	Circuit Mode Data
CMD	Command
CMDF	C Memo Distribution Facility
CMDS	Computer Misuse Detection System
CME	Center for Media Education
CME	Common Malware Enumeration

CME	Core Managed Environment
CMF	Command File
CMF	Creative Music Format
CMGR	Campus/Connection Manager
CMH	Cross My Heart (Slang)
CMIIW	Correct Me If I'm Wrong (Slang)
CMIP	Common Management Information Protocol (OSI)
CMIS	Common Management Information Services/System
CML	Chemical/Commodore Markup Language
CML	Conceptual Modelling Language
CML	Concurrent Metalanguage
CML	Configuration Menu Language
CML	Context Modelling Language
CML	Current Mode Logic
CMM	Capability Maturity Model
CMM	Color Management Module
CMM	Computerized Measurement Machine
CMMI	Capability Maturity Model Integrated
CMML	Continuous Media Markup Language
CMMS	Computerized Maintenance Management Software
CMMU	Cache Memory Management Unit
CMOL	CMIP Over LLC
CMOS	Coats-Mellon Operational Specification
CMOS	Complementary Metal Oxide Semiconductor
CMOT	Common Management Information Protocol over TCP/IP
CMOV	Conditional Move (and Compare Instructions)
CMP	Cellular/Chip-integrated Multi-Processing
CMP	Configuration Management Plan
CMPS	Compare Word String
CMPT	CAPI Message Control Protocol
CMR	Cell Misinsertion Rate
CMR	Corporate Message Recovery
CMS	Call Management Server
CMS	Code/Color/Connection/Content Management System
CMS	Compiler Monitor System
CMS	Content Management System
CMS	Conversational Monitor System (IBM)
CMS	Cryptographic Message Syntax
CMT	Cellular Mobile Telephone
CMT	Chip Multi Threading

CMT	Configuration Management Tool
CMT	Connection Management
CMTP	CAPI Message Transport Protocol
CMTS	Cable Modem Termination System
CMU	Carnegie-Mellon-University, Pittsburgh, USA
CMVC	Configuration Management and Version Control (IBM)
CMW	Compartment Mode Workstation
CMX	Communication Method SINIX (Siemens)
CMY	cyan, magenta, yellow (Farbmodell)
CMYK	cyan, magenta, yellow, key/black (Farbmodell)
CN	Comfort Noise
CN	Corporate Network
CNA	Certified NetWare/Network Administrator
CNA	Customer Name and Address
CNAME	Canonical Name (Record)
CNAPS	Co-Processing Node Architecture for Parallel Systems
CNASI	Centre for Networked Access to Scholarly Information (Australien)
CNB	Collective Notebook
CNC	Complete Network Centre
CNC	Computerized Numerical Control
CND	Calling Number Delivery
CND	Caldera Network Desktop
CNE	Certified NetWare Engineer/Expert (Novell)
CNET	Centre National d'Etudes des Telecommunications, Paris
CNF	Chomsky Normal Form
CNF	Configuration
CNG	Calling (tone)
CNG	Comfort Noise Generation
CNG	Complete No-Good
CNI	Centre National d'Informatique
CNI	Certified NetWare Instructor (Novell)
CNI	Coalition for Networked Information
CNI	Communications Network International
CNID	Calling Number Identification
CNIDR	Clearinghouse for Networked Information Discovery and Retrieval
CNIL	Commission Nationale de l'Informatique et des Libertes
CNIP	Calling Name Identification Presentation
CNIR	Calling/Connected Name Identification Restriction
CNL	C Numerical Library
CNM	Customer Network Management

CNMA	Communications Network for Manufacturing Application
CNN	Cable News Network
CNN	Composite Network Node
CNNIC	China Network Imformation Center
CNP	Corporate Network Provider
CNR	Carrier to Noise Ratio
CNR	Communications and Networking Riser
CNR	Composite Noise Ratio
CNRI	Corporation for National Research Initiatives
CNRP	Common Name Resolution Protocol
CNRS	Centre National de la Recherche Scientifique (Frankreich)
CNS	Color Naming System
CNS	Communications Network System
CNSS	Core Nodal Switching Subsystem (Internet)
CNT	Carbon Nano Tube
CNT	Central Networking Testbed
CNX	Certified NetWare/Network Expert
CO	Call Offer
CO	Central Office
CO	Chief Operator
CO	Command Output
CO	Communication Outlet
CO	Convert Out
CO	Crystal Oscillator
COA	Care Of Address
COA	Certificate Of Authenticity
COA	Compound Online Analytical Processing Architecture
COAM	Customer Owned And Maintained
COARA	Communication of Oita Amateur Research Association
COAST	Card On A Stick
COAST	Computer Operations, Audit and Security Technology
COB	Chip On Board
COBOL	Common Business Oriented Language
COC	Coded Optical Character
COCOT	Customer Owned Coin Operated Telephone
COD	Capacity On Demand
COD	Code (list)
CODASYL	Committee/Conference on Data System Languages
CODE	Client Server Open Development Environment
CODEC	Coder/Decoder

CODEC	Compression/Decompression
CODINE	Computing in Distributed Networked Environments
CODIT	Code Division Testbed
COE	Central Office Equipment
COE	Common Operating Environment
COEDS	Common Event Database System
COEM	Commercial Original Equipment Manufacturer
COFDM	Coded Orthogonal Frequency Division Multiplex
COFF	Common Object File Format
COGO	Coordinate Geometry (Language)
COIN	Console Interrupt Request
COINS	Computer Output Information System
COL	Caldera Open Linux
COL	Collision
COL	Computer Oriented Language
COLA	comp.os.linux.announce (Newsgroup)
COLD	Computer Output to Laser Disc
COLL	Collision
COLP	Connected Line Identification Presentation
COLR	Connected Line Identification Restriction
COLT	Communications Line Terminator
COLT	Computer Oriented Language Translator
COLT	Control Language Translator
COM	Command
COM	commercial; Internet-Domain: Firmen in USA
COM	Common/Component Object Model
COM	Communication
COM	Component Object Model
COM	Computer Output Microfilm
COM	Continuation Of Message
COMAL	Common Algorithmic Language
COMDEX	Computer Dealers' Exposition
COMET	Cornell Macintosh Terminal Emulator
COMHED	Common Header
COMINT	Communications Intelligence
COMM	Communications
COMMS	Customer Oriented Manaufacturing Management System
COMP	Compare
COMPACT	Computer Planning and Control Technique
COMPSAC	International Computer Software and Applications Conference

COMSAT	Communications Satellite Corporation
COMSEC	Communications Security
COMSL	Communications System Simulation Language
COMSOAL	Computer Method of Sequencing Operations for Assembly Lines
COMTRAN	Commercial Translator (IBM)
CON	Console
COND	Condition
CONF	Conference, Configuration
CONP	Connected Name Identification Presentation
CONP	Connection Oriented Network Protocol
CONS	Connection Oriented Network Service
CONTU	Commission On New Technological Uses of Copyrighted Works
COO	Chief Operating Officer
COOL	Control Oriented Language
COP	Constrained Optimization Problem
COP	CPU Overheating Protection
COPA	Child Online Protection Act
COPE	Communications Opportunity, Promotion and Enhancement (Act)
COPE	Computer Performance Evaluation
COPICS	Communications Oriented Production Information and Control System
COPS	Common Open Policy Service
COPS	Computer Oracle and Password System
COR	Common Object Runtime
CORAL	Computer Online Real-Time Applications Language
CORBA	Common Object Request Broker Architecture
CORE	Common Runtime Environment
CORE	Council of Registrars (Internet)
CORNET	Corporate ISDN Network Protocol
COS	Card/Cray Operating System
COS	Class of Service
COS	Compatible Operation System
COS	Complementary Switching
COS	Corporation for Open Systems (OSI)
COS	Custom Order Specification
COSE	Combined Office Standard Environment
COSE	Common Open Software/Systems Environment
COSINE	Cooperation for OSI Networking in Europe
COSMIC	Computer Software Management and Information Center (NASA)
COSMOS	Complementary Symmetric Metal Oxide Semiconductor
COSMOS	Computer Oriented System for Management Order Synthesis

COSMOS	Computer System for Mainframe Operations
COSN	Consortium for School Networking
COSO	Charge One Site Only
COSPAS	Cosmicheskaya Sistyema Poiska Avariynich Sudov
COSS	Common Object Services Specification
COSY	Conferencing System
COT	Customer Owned Tooling
COTK	Control Track
COTS	Coin Operated Telephone System
COTS	Commercial Off The Shelf (software)
COTS	Commodity Off The Shelf (Cluster)
COTS	Connection Oriented Transport Service
COVE	Code Verification
COW	Copy On Write
COW	Cluster Of Workstations
CP	Call Pay
CP	Card Punch
CP	Central/Communications/Customized Processor
CP	Check/Control Point
CP	Choke Packet
CP	Circuit Package
CP	Code Page
CP	Complete Partitioning
CP	Computer Professional
CP	Conducting Polymer
CP	Contention Procedure
CP	Continuous Path
CP	Constraint Programming
CP	Control Program
CP	Copy Protected
CPA	Certified Public Accountant
CPA	Closest Point of Approach
CPA	Code Parasite Autopropageable
CPA	Cost Per Action
CPA	Critical Path Analysis
CPAN	Comprehensive Perl Archive Network
CPBX	Computerized Private Branch Exchange
CPC	Card Programmable Calculator (IBM)
CPC	Computer Process Control
CPC	Constant Point Calculation

CPC	Cost Per Click
CPCS	Check Processing Control System
CPCS	Common Part Convergence Sublayer
CPD	Constructive Page Description
CPE	Central Processing Element
CPE	Computer Performance Evaluation
CPE	Customer Provided/Premises Equipment
CPFR	Collaborative Planning, Forecasting, and Replenishment
CPFSK	Continuous Phase Frequency Shift Keying
CPG	Central Pattern Generator
CPG	Clock Pulse Generator
CPG	COSINE Policy Group
CPI	characters per inch
CPI	Clocks Per Instruction
CPI	Code Page Information
CPI	Common Part Indication
CPI	Common Programming Interface (IBM)
CPI	Cost Performamce Index
CPIC	Common Programming Interface for Communications (IBM)
CPIM	Common Presence and Instant Messaging
CPL	Call Processing Language (Telecom)
CPL	Characters Per Line (cpl)
CPL	Combined Programming Language
CPL	Common Public License
CPL	Control Panel Library (Microsoft)
CPL	Current Privilege Level
CPL	Cyberathlete Professional League
CPLD	CMOS Programmable Logic Device
CPLD	Complex Programmable Logic Device
CP/M	Control Programm for Microcomputers (DEC)
CPM	Control Programm for Microcomputers (DEC)
CPM	Colliding Pulse Mode
CPM	Computer Program Protection Manager
CPM	Corporate Performance Management
CPM	Critical Path Method
CPM	Cryptography Provider Manager
CPN	Conditional Pathname
CPN	Customer Premises Network
CPO	Certified Project Officer
CPO	Chief Privacy Officer

CPP	Corporate Preview Program
CPPM	Computer Protection Program Manager
CPPM	Content Protection for Prerecorded Media
CPPS	Critical Path Planning and Scheduling
CPRM	Content Protection for Recordable Media
CPS	Certification Practice Statement
CPS	Constraint Parameter Set
CPS	Continuation Passing Style
CPS	Critical Path Scheduling
CPS	cycles/characters per second
CPSA	Consumer Product Safety Act
CPSC	Consumer Product Safety Commission
CPSI	Configurable Post Script Interpreter
CPSR	Computer Professionals for Social Responsibility
CPST	Control Point Spanning Tree
CPT	Command Pass Thru
CPT	Common Point of Trust
CPT	COSINE Project Management Team
CPT	Critical Path Technique
CPTWG	Copyright Protection Technical Working Group
CPU	Central Processing Unit
CPV	Cold Process Verification
CPW	Commercial Processing Workload
CQL	Channel Queue Limit
CQM	Class Queue Management
CQP	Corpus Query Processor
CR	Cambridge Ring
CR	Carriage Return
CR	Core (Network) Router
CR	Cray Research, Inc.
C/R	Command Response
CRAM	Card Random Access Memory
CRAM	Challenge Response Authentication Mechanism
CRAM	Cyberspatial Reality Advancement Movement
CRC	Class, Responsibility, Collaboration/Collaborators
CRC	Cyclic Redundancy Check
CRCG	Fraunhofer Center for Research in Computer Graphics
CRCW	Concurrent Read, Concurrent Write (PRAM)
CRD	Color Rendering Dictionary
CRD	Creation Revision Deletion (request)

CREN	Corporation/Computer Research Education/Educational Network, USA
CREW	Compact for Responsive Electronic Writing
CREW	Concurrent Read, Exclusive Write (PRAM)
CRF	Cable Retransmission Facility
CRF	Cross Reference File
CRI	Colour Reproduction Indices
CRIM	Centre de Recherche Informatique de Montreal
CRIMM	Continuity RIMM
CRISP	Complex Reduced Instruction Set Processor
CRL	Certificate Revocation List
CRL	Compile-time Reconfigurable Logic
CR/LF	Carriage Return/Line Feed
CRM	Communications + Records Management
CRM	Customer Relationship Management
CROM	Control Read Only Memory
CRPC	Center for Research on Parallel Computation
CRR	Change Request Reply
CRS	Cell Relay Service
CRS	Computer Reservation System
CRSAB	Centralized Repair Service Answering Bureau
CRT	Cathode Ray Tube
CRT	Chinese Remainder Theorem
CRTC	Canadian Radio-Television and Telecommunications Commission
CRTC	Cathode Ray Tube Controller
CRTM	Core Root of Trusted Module
CRU	Comite Reseau des Universites
CRU	Computer Resource Unit
CRU	Customer Replaceable Unit
CRUD	Create, Read, Update, and Delete
CRV	Code Rule Violation
CS	Cable/Card/Chip Select
CS	Call Sign
CS	Card Service
CS	Chip Select
CS	Circuit Switching
CS	Clear Screen
CS	Clear to Send
CS	Client/Server
CS	Code Segment
CS	Coding Scheme

CS	Communications Satellite/System
CS	Computer Science
CS	Continuous Servo
CS	Convergence Sublayer
CS	Correspondence System
CS-ACELP	Conjugate Structure Algebraic Code Excited Linear Prediction
CS1	Capability Set 1
CS80	Command Set 80 (Hewlett-Packard)
CSA	Calendaring and Scheduling API
CSA	Call Path Service Architecture
CSA	Communications Streaming Architecture
CSA	Comprehensive System Accounting
CSA	Conseil Superieur de l'Audiovisuel
CSA	Cyber Security Agency, EU
CSAR	Channel System Address Register
CSB	Channel Status Byte
CSC	Center for Scientific Computing
CSC	COSPAS-SARSAT-Council
CSCR	Consortium for Slow Commotion Research
CSCW	Computer Supported Cooperative/Collaborative Work
CSD	Circuit Switched Data
CSD	Cold Shutdown
CSD	Computer Services Department
CSD	Corrective Service Disk/Diskette (IBM)
CSDC	Code Segment Descriptor Cache
CSDGM	Content Standard for Digital Geospatial Metadata
CSDN	Circuit Switched Data/Digital Network
CSDS	Circuit Switched Data Service
CSE	Certified System Engineer
CSE	Customer Support Engineer
CSE	Common Subexpression Elimination
CSEA	Cyber Security Enhancement Act
CSF	Compagnie Sans Fil
CSF	Content Sealed Format
CSFI	Communication Subsystem For Interconnection
CSG	Constructive Solid Geometry
CSG	Consulting Services Group
CSI	Code Sequence Identification
CSI	Command Sequence Introducer
CSI	Common Synchronous/System Interface

CSI	Computer Security Institute, San Francisco, USA
CSIC	Computer System Interface Circuit
CSIC	Customer Specific Integrated Circuit
CSID	Called Subscriber Identifier/Identification
CSID	Calling Station Identifier
CSIP	Compressed Sources IBM PC
CSIP	Corporate Stable Image Platform
CSIRT	Computer Security Incident Response Team
CSL	Computation Structures Language
CSL	Computer/Context Sensitive Language
CSLIP	Compressed Serial Line Interface Protocol
CSM	Compatibility Support Module
CSMA/CA	Carrier Sense Multiple Access/Collision Avoidance
CSMA/CD	Carrier Sense Multiple Access/Collision Detection
CSMA/CE	Carrier Sense Multiple Access/Collision Elimination
CSMP	Continuous System Modelling Program
CSMS	Customer Support Management System
CSN	Card Select Number
CSN	Circuit Switched Network
CSN	Customer Service Number
CSNET	Computer and Science Network, USA
CSO	Central Services Organization
CSP	Certified Systems Professional
CSP	Chip Scale/Size Packaging
CSP	Commercial Service Provider
CSP	Commercial Subroutine Package
CSP	Communicating Sequential Process/Processes
CSP	CompuCom Speed Protocol
CSP	Constraint Satisfaction Problem
CSP	Cross System Product
CSP	Cryptographic Service Provider
CSPDN	Circuit Switched Public Data Network
CSPDU	Convergence Sublayer Protocol Data Unit
CSPLA	Conseil superieur de la Propriete Litteraire et Artistique
CSPP	Computer Systems Policy Project
CSPWG	Computer Security Policy Working Group
CSR	Cell Switch Router
CSR	Control and Status Register Management
CSR	Customer Service Record
CSRAM	Custom Static Random Access Memory

CSRC	Computer Security Resource Center
CSRF	Cross Site Request Forgery
CSRG	(Austin) Common Standards Revision Group
CSRG	Computer Systems Research Group (Berkeley)
CSS	Cascaded/Cascading Style Sheet
CSS	Centralized Structure Store
CSS	Chirp Spread Spectrum
CSS	Client-Server-System
CSS	Code Storage Segment
CSS	Coded Switch Set
CSS	Computer Scheduling System
CSS	Computer Subsystem
CSS	Content Scrambling System
CSS	Continuous System Simulator
CSS	Core System Software
CSS	Critical Systems Support
CSS	Cross Site Scripting
CSSD	Cloneproof Schwartz Sequential Dropping
CSSL	Continuous System Simulation Language
CSSM	Client Server Systems Management
CSSM	Computer Security Site Manager
CSSO	Computer System Security Officer
CSSP	Cascading Style Sheet Positioning
CSSSP	Common Sparse Spectral Spatial Pattern
CSTA	Computer Supported Telephony Application
CSTAC	Computer Systems Technical Advisory Committee
CSTB	Computer Science + Technology Board
CSTR	Computing Science Technical Report
CSTS	Computer Supported Telecommunication/Telephony Standard
CSU	Channel Service/Switching Unit
CSU	Control and Service Unit
CSV	Certified Server Validation
CSV	Circuit Switched Voice
CSV	Client SMTP Verification
CSV	Comma Separated Values/Variables
CSW	Channel Status Word
CSZ	Clark, Shenker, Zhang (algorithm)
CT	Call Transfer
CT	Chipcard Terminal
CT	Clock Time

CT	Computer Technik/Telephony/Tomography
CT	Controller
CT	Cordless Telephone
CT	Cut Through
CTAN	Comprehensive TeX Archive Network
CTB	Cipher Type Byte
CTB	Communication Toolbox (Apple)
CTB	Computer Based Training
CTC	Channel To Channel
CTC	Cornell Theory Center
CTC	Counter Timer Chip
CTCP	Client To Client Protocol
CTCPEC	Canadian Trusted Computer Product Evaluation Criteria
CTCSS	Continuous Tone Coded/Controlled Squelch System
CTD	Cell Transfer Delay
CTDB	Clustered Trivial Data Base
CTDB	Compact Terrain Data Base
CTEA	Copyright Term Extension Act
CTES	Cell Technology Evaluation System
CTF	Common Trace Facility
CTF	Contrast Transfer Function
CTI	Computational Testbed for Industry
CTI	Computer Telephony Integration
CTIA	Cellular Telecommunications Industry Association
CTL	Complementary Transistor Logic
CTL	Complex Text Layout
CTL	Corel Transactional Licensing
CTL	CTSS Command Language Controller
CTM	Clock and Tone Module
CTM	Cordless Terminal Mobility
CTN	Corporate Telecommunication Network
CTO	Chief Technical/Technology Officer/Offices
CTOS	Cassette Tape Operating System
CTOS	Corporate Telecommunications and Office Systems
CTP	Community Technology Preview
CTP	Composite Theoretical Performance
CTP	Computer To Plate
CTP	Cordless Telephony Profile
CTPA	Coax to Twisted Pair Adapter
CTR	Cable Throw Replacement

CTR	Center for Telecommunications Research, Columbia U.
CTR	Common Technical Regulations
CTR	Computing Tabulating Recording (Corporation)
CTR	Counter
CTR	Current Transfer Ratio
CTRCO	Calculating Tabulating Recording Corporation
CTRL	Control
CTS	Clear To Send
CTS	Common Transport Semantics
CTS	Common Type System
CTS	Computer Telephony Solution
CTS	(EC) Conformance Testing Services
CTS	Courier Time Server
CTS	Customer Telephone System
CTSS	Compatible/Cray Time-Sharing System
CTY	Console Teletype
CU	Control Unit
CU	Customer Use
CU	See You (Slang)
CU2	See You, Too (Slang)
CUA	Common User Access (IBM)
CUA	Commonly Used Acronym
CUA	Computer Users Association
CUB	Cursor Backward
CUCN	Communication Controller Node
CUD	Cursor Down
CUDA	Compute Unified Device Architecture
CUE	Custom Updates and Extras
CUF	Cursor Forward
CUG	Closed/Closet User Group
CUI	Captive/Common/Consistent User Interface
CUI	Character/Character-oriented User Interface
CUL	See You Later (Slang)
CUNY	City University of New York
CUOD	Central Unit on Demand
CUP	Communications User Program
CUP	Competitive Upgrade
CUP	Cursor Position
CUPID	Completely Universal Processor Input/Output Design
CUPS	Common UNIX Printing System

CURL	Cambridge University Robot Language
CUSI	Configurable Unified Search Index
CUSIP	Committee for Uniform Security Identification Procedures, USA
CUSP	Customer Programming Language
CUSSNET	Computer Use in Social Sciences Network
CUT	Control Unit Terminal
CUTE	Clarkston University Terminal Emulator
CUU	Computerunterstützter Unterricht
CUU	Cursor Up
CVD	ClamAV Virus Database
CVD	Compact Video Disk
CVE	Collaborative Virtual Environment
CVE	Common Vulnerabilities and Exposures
CVF	Compressed VFAT
CVF	Compressed Volume File
CVGA	Color Video Graphics Array
CVIA	Computer Virus Industry Association
CVN	Credit Card Validation Number
CVP	Collaborative Virtual Prototyping
CVS	Computer Vision Syndrome
CVS	Concurrent Versions System
CVSD	Continuous Variable Slope Delta (Modulation)
CVT	Convert
CVT	Coordinated Video Timings (VESA)
CVW	CodeView for Windows (Microsoft)
CVW	Collaborative Virtual Workspace (License)
CW	Call Waiting
CW	Continuous Wave
CW	Control Word
CWA	Competitive Web Analysis
CWI	Centrum voor Wiskunde en Informatica, Amsterdam
CWIS	Campus/Community Wide Information Service/System (Internet)
CWP	Communication Word Processor
CWS	Congestion Window Setting
CXFS	SGI Clustered Extended File System
CXI	Common X Interface
CXML	Commerce Extensible Markup Language
CYA	Cover Your Ass (Slang)
CYK	Cocke-Younger-Kasami (-Algorithmus)
CYL	Cylinder

CYL	See You Later (Slang)
CYMK	Cyan Yellow Magenta Key/Black (Farbmodell)

D	Daemon, Data, Deutsch, Digital, Direct, Document, Double
D	Datenleitung
D2C	Digital To Character
D2PC	Dynamic Two Phase Commitment
D2T2	Dye Diffusion Thermal Transfer (Drucker)
D64S	ISDN-Festverbindung 64 kbit/s
DA	Destination Address
DA	Digital/Analog, D/A
DA	Direct Access
DA	Destination Address
DAA	Data Access Arrangement
DAA	Decimal Adjust for Addition
DAA	Detect and Avoid Algorithm
DAA	Digest Access Authentication
DAA	Dynamic Adaptive Acknowledgment
DAB	Daten-Autobahn
DAB	Digital Audio Broadcast/Broadcasting
DAB	Direct Access Buffer
DAC	Data Acquisition and Control
DAC	Daily Administrative Check
DAC	Design Automation Conference
DAC	Device Access Code
DAC	Digital-Analog-Converter
DAC	Digital Audio Copy
DAC	Discretionary Access Control
DAC	Distributed Academic Computing
DAC	Dual Attached/Attachment Component/Concentrator
DACD	Directory Access Control Domain
DACK	DMA Acknowledge
DACL	Discretionary Access Control List (Microsoft)
DACS	Data Acquisition Control System
DACS	Data and Analysis Center for Software, DoD, USA
DACS	Digital Access and Cross-connect System
DACT	Data Compression Technology
DACTLU	Deactivate Logical Unit
DAD	Desktop Application Director

DAD	Duplicate Address Detection
DAE	Datenaufnahmeeinheit
DAE	Differential-algebraic Equation
DAE	Digital Audio Extraction
DAF	Destination Address Field
DAF	Deutsche-Arbeitsfront-Empfänger
DAG	Directed Acyclic Graph
DAG	Direktrufnetzabschlussgerät
DAGM	Deutsche Arbeitsgemeinschaft für Mustererkennung
DAI	Distributed Artificial Intelligence
DAK	Diagnose-Kanal
DAKfCBNF	Deutscher Arbeitskreis für CB- und Notfunk
DAKS	Dateikatalogsystem
DAL	Data Access Language/Layer
DAL	Dedicated Access Line
DAL	Disk Access Lockout
DAM	Data Acquisition and Monitoring
DAM	Debian Account Manager
DAM	Digital Asset Management
DAM	Digital Audio Monitor
DAM	Direct Access Method
DAMA	Demand Assigned Multiple Access
DAML	DARPA/Distributed Agent Markup Language
DAML	Digital Archives Markup Language
DAMPS	Digital Advanced Mobile Phone Service
DAN	Domestic/Desk Area Network
DANCC	Domestic Area Network Coordination Centre
DANTE	Delivery of Advanced Network Technology to Europe
DANZKO	Datennetzkoordinator
DAO	Data Access Object
DAO	Disk At Once
DAP	Data Access Protocol (DEC)
DAP	Data Archiving Process
DAP	Developer Assistance Program
DAP	Directory Access Protocol
DAP	Division Advisory Panel (NSF)
DAP	Document Application Profile
DAP	Dynamic Application Partitioning
DAPC	Data Acquisition and Process Control
DAPI	Desktop Application Programming Interface

DAPIE	Developers' Application Programming Interface Extensions
DAR	Datenausgabe-Register
DAR	Digital Audio Radio
DAR	Display Aspect Ratio
DAR	Dynamic Adaptive Routing
DARC	Data Radio Channel
DARC	Deutscher Amateur-Radio Club
DARI	Database Application Remote Interface (IBM)
DARMS	Digital Alternate Realization of Musical Symbols
DARPA	Defense Advanced Research Projects Agency, USA
DART	Dexterous Anthropomorphic Robotic Testbed
DART	Digital Audio Reconstruction Technology
DAS	Data Acquisition Subsystem/System
DAS	Datenausgabe-Steuerung
DAS	Decimal Adjust for Subtraction
DAS	Digital Analysis System
DAS	Direct Attached Storage
DAS	Dual Attached/Attachment Station (FDDI)
DASAT	Datenübertragung via Satellit
DASD	Direct Access Storage Device
DASH	Digital Audio Stationary Head
DASL	DAV Search and Locate
DASP	Data Administration Strategic Plan
DASP	Data Analysis Statistics and Probability
DASP	Deliver Automated Solutions Process
DASP	Drive active – Slave present
DASP	Dynamic Adaptive Speculative Preprocessor
DASS	Direct Access Secondary Storage
DASS	Ditributed Authentication Security Service
DAST	Datenaustausch-Steuerung
DAT	Digital Audio Tape
DAT	Disk Array Technology
DATACOM	Data Communications
DATC	Drake Authorized Testing Center (Novell)
DATEL	Data Telecommunication
DATEV	Datenverarbeitungsorganisation der steuerberatenden Berufe
DATEX-J	Data Exchange for Jedermann
DATEX-L	Data Exchange by Lines (leitungsvermittelt)
DATEX-M	Data Exchange Multi-Megabit
DATEX-P	Data Exchange in Packages (paketvermittelt)

DATV	Digital Amateur Television
DAU	Digitaler Alarmumsetzer
DAU	Digital Announcement Unit
DAU	Dümmster Anzunehmender User (Slang)
DAU	Dynamische Adress-Umsetzung
DAV	Data Available
DAV	Digital Audio Video
DAV	Distributed Authoring and Versioning
DAVACS	DoE Automated Visitor Access Control System
DAVIC	Digital Audio Video Council
DAVID	Digital Audio Video Interactive Decoder
DAWG	Directed Acyclic Word Graph
DB	Data Base/Buffer
DB	Device Bay
DB	Dynamic Backtracking
DBA	Database Access/Agent/Administrator
DBB	Detect Before Break
DBBS	Database Baby Sitter (DBA)
DBBS	Dynamic Bass Boost System
DBC	Data Bus Controller
DBC	Device Bay Controller
DBCES	Dynamic Bandwidth Utilization in 64 kBit/s Time Slot Trunking over ATM U
DBCS	Delivery Bar Code Sorter
DBCS	Double-Byte Character Set
DBE	Data Base Engine
DBFS	Data Base File System
DBH	Data Base Handler
DBI	Data Base Interface (Class)
DBIC	Dezibel Isometric Circular
DBLP	Digital Bibliography + Library Project
DBM	Data Base Manager
DBM	Dezibel per Milliwatt
DBML	Data Base Markup Language
DBMS	Data Base Management System
DBP	Deutsche Bundespost
DBPSK	Differential Binary Phase Shift Keying
DBQ	Data Base Query
DBQ	Data/Document Based Question
DBR	Deterministic Bit Rate
DBR	DOS Boot Record

DBS	Data Base Server/System
DBS	Debian Build System
DBS	Demand Based Switching
DBS	Deutscher Bildungsserver
DBS	Direct Broadcast/Broadcasting Satellite/System
DBT	Dynamic Backtracking
DBV	Deutsches Bücherverzeichnis
DBV	Digital Broadcast Video
DBWR	Database Writer
DBX	Debugger for UNIX
DC	Data Collection/Communication/Compression/Control
DC	Design Change
DC	Device Context (Microsoft)
DC	Device/Domain Control
DC	Direct Connect/Current
DC	Distributed Computing
DC	Distribution Center
DC	Domain Controller
DC	Dublin Core (Metadata Element Set)
DC	Duck + Cover (Slang)
DCA	Data Center Administration
DCA	Defense Communications Agency, USA
DCA	Digital Computer Association
DCA	Distributed Communications Architecture
DCA	Document Content Architecture
DCAF	Distributed Console Access Facility (IBM)
DCAM	Data Communication Access Method
DCAM	Digital Camera
DCAM	Direct Chip Attach Module
DCB	Data/Device Control Block
DCB	Disk Coprocessor Board (Novell)
DCC	Data Communication Channel
DCC	Data Country Code
DCC	Debian Core Consortium
DCC	DCC Common Core (Alliance)
DCC	Department Computer Coordinator
DCC	Differential Chain Code
DCC	Digital Command Control
DCC	Digital Compact Cassette
DCC	Digital Content Creation

DCC	Direct Cable/Client Connection
DCC	Direct Client to Client
DCC	Display Combination Code
DCC	Distributed Checksum Clearinghouse
DCCA	Distributed Component Computing Architecture
DCCH	Dedicated Control Channel
DCCP	Data Communications Control Procedure
DCCP	Datagram Congestion Control Protocol
DCCP	Digital Computer Control Panel
DCCP	Display Control Computer Program
DCCP	Dublin Core Community Profile
DCCP	Dynamic Content Caching Protocol
DCCS	Distributed Capability Computing System
DCD	Data Carrier Detect
DCE	Data Circuit/Communication Equipment
DCE	Data Circuit-Termination Equipment
DCE	Data Collection Engine
DCE	Digital Communications Experiment
DCE	Distributed Computing Environment (OSF)
DCF	Data Communication Facility (IBM)
DCF	Data Compression Facility
DCF	Data Count Field
DCF	Design rule for Camera File systems
DCF	Disengage Confirmation
DCF	Distributed Coordination Function
DCF	Document Composition Facility
DCF	Driver Configuration File
DCFL	Deterministic Context Free Language
DCFL	Direct Coupled FET Logic
DCI	Digital Cinema Initiatives
DCI	Display Control Interface
DCL	Data Center Linux
DCL	Data Control Language (SQL)
DCL	DEC Command Language
DCL	Declaration
DCL	Device Clear
DCL	Digital Command Language (DEC)
DCL	Disc Change Line
DCLZ	Data Compression Lempel Ziv
DCM	Data Communication Method/Multiplexer

DCM	Digital Content Management
DCM	Distributed Computing Model
DCM	Dual chip Module
DCME	Digital Circuit Multiplication Equipment
DCMI	Dublin Core Metadata Initiative
DCML	Dynamic Configuration Markup Language
DCNA	Data Communications Network Architecture
DCOM	Data Communication processor
DCOM	Distributed Component Object Model
DCOP	Desktop Communications Protocol (KDE)
DCP	Data Collecting Platform
DCP	Device Control Protocol
DCP	Digital Cinema Package
DCS	Data Collection/Control System
DCS	Defined Context Set
DCS	Desktop Colour Separation
DCS	Diagnostic Communication System
DCS	Digital Cellular (Telecommunication) System
DCS	Distributed Computing/Control System
DCS	Dynamic Channel Selection
DCSP	Dynamic Constraint Satisfaction Problem
DCT	Database Configuration Tool
DCT	Digital Cellular Telephone
DCT	Digital Core Technology
DCT	Discrete Cosine Transform/Transformation
DCTL	Direct Coupled Transistor Logic
DCTP	Developmental Certification Test Plan
DCU	Data Cache Unit
DCV	Destination Coded Vehicle
DD	Data Definition/Deliverable
DD	Debian Developer
DD	Digital Data/Display
DD	Double Density
DDA	Deutsche Daten-Autobahn
DDA	Digital Differential Analyzer
DDA	Distributed Data Access
DDA	Distributed Database Architecture
DDA	Document Description Architecture
DDA	Domain Defined Attribute
DDA	DRAM Development Alliance

DDB	Device Dependent Bitmap
DDB	Device Descriptor Block
DDB	Dynamic Delayed Broadcasting
DDBAC	Data Design HBCI Banking Apllication Components
DDBMS	Distributed Data Base Management System
DDC	Dewey Decimal Classification
DDC	Digital/Display Data Channel
DDC	Direct Digital Control
DDC	Distributed Data Coupling
DDC	Dual Die Chip
DDC	Dynamic Data Center
DDC1	Display Data Channel One
DDCMP	Digital Data Communication Message Protocol (DEC)
DDCS	Distributed Database Connection Services (IBM)
DDD	Direct Distance Dialing
DDDB	Display Device Data Block
DDE	Direct Data Entry
DDE	Distributed Debugging Environment
DDE	Dynamic Data Exchange
DDEML	Dynamic Data Exchange Manager Library (Microsoft)
DDES	Double Data Encryption Standard
DDF	Dynamic Data Formatting
DDFA	Data Communications and Terminal Controller Device File Access
DDH	Distributed Document Handling
DDI	Device Driver Interface
DDI	Digital Document Interchange
DDI	Direct Dial/Dialling In
DDIF	Digital Document Interchange Format
DDK	Device Driver Kit (Microsoft)
DDK	Driver Development Kit
DDL	Data Definition/Description Language
DDL	Display/Document Description Language
DDM	Distributed Data Manager/Management
DDN	Defense Data Network, USA
DDNS	Dynamic Domain Name System
DDOS	Distributed Denial Of Service
DDP	Datagram Delivery Protocol
DDP	Debian Documentation Project
DDP	Distributed Data Processing
DDR	Double Data Rate

DDR	Dynamic Document Review
DDS	Data Description Specification
DDS	Data Distribution Service
DDS	Dataphone Digital Service (AT&T)
DDS	Delegation Discovery System
DDS	Design Data Sheet
DDS	DFN Directory Services
DDS	Digital/Distributed Data Service/Storage
DDS	Digital Direct Synthesis
DDS	Direct Digital Service/Synthesis
DDS	Direkte digitale (Frequenz-)Synthese
DDS	Disk Definition Structure
DDS	Distributed Database Services
DDT	Dynamic Debugging Tool
DDTA	Digital Distributed Transaction Architecture
DDV	Datendirektverbindung
DDV	DES DES Verfahren
DDV	Dialog Data Validation
DDVT	Dynamic Dispatch Virtual Tables
DDX	Digital Data Exchange
DDXP	Digital Data Exchange, Packet-switching Network
DE	Datenentstörung
DE	Debugging Extensions
DE	Device End
DE	Discard Eligible
DE	Document Engineering
DE	Double Ended
DEA	Data Encryption Algorithm
DEA	Deterministischer Endlicher Automat
DEA	Disposable Email Address
DEARN	Deutsches EARN
DEBI	Direct Memory Access Extended Bus Interface
DEC	Decrement
DEC	Device Clear
DEC	Digital Equipment Corporation
DECNET	Digital Equipment Corporation Networking (protocol)
DECT	Digital European Cordless Telecommunication
DECUS	DEC Users Society
DED	Darkness Emitting Diode
DEE	Datenendeinheit/-einrichtung (= DTE)

DEF	Data Exchange Format
DEF	Default
DEF	Destination Element Field
DEF	Desktop Functional Equivalent
DEFOMA	Debian Font Manager
DEG	Datenendgerät
DEISA	Distributed European Infrastructure for Supercomputing Applications
DEK	Data Encryption Key
DEK	Dateneingabekanal
DEL	Decode Encode Language
DEL	Delete
DELTA	Developing European Learning Through Technology Advance
DELUG	Deutsche LINUX User Group
DEM	Digital Elevation Model
DEMA	Decoupled Multiuser Acquisition
DEMA	Differential Electromagnetic Analysis
DEMTS	Digital and Electronic Maps Transfer Standard
DEN	Directory/Document Enabled Networking/Networks
DENIC	Deutsches Network Information Center
DEOS	Distributed External Object Store
DEP	Data Execution Prevention/Protection
DEPP	Distributed Enhanced Programming Policy
DER	Dateneingaberegister
DER	Distinguished Encoding Rules
DES	Data Encryption Standard
DES	Data Entry Sheet
DES	Dateneingabesteuerung
DES	Dynamic Energy Saver
DESY	Deutsches Elektronen-Synchrotron, Hamburg
DET	Device Execute Trigger
DEV	Development
DEV	Device
DEV	Device Exclusion Vector
DEVO	Datenerfassungsverordnung
DF	Data/Destination Field/Form
DF	Default
DF	Device/Double Flag
DFA	Deterministic Finite Automaton
DFB	Distributed Feedback (-Laser)
DFBI	Depth First Begin Index

DFC	Data Flow Control
DFCE	Defense Control Element
DFD	Datenanwendung für Dritte
DFD	Datenflussdiagramm, Data Flow Diagram
DFD	Deutsches Fernerkundungs-Datenzentrum
DFDR	Digital Flight Data Recorder
DFEI	Depth First End Index
DFG	Deutsche Forschungsgemeinschaft
DFKI	Deutsches Forschungszentrum für Künstliche Intelligenz, Kaiserslautern und Sa
DFM	Design For Manufacturability
DFN	Deutsches Forschungsnetz e. V.
DFP	Decimal Floating Point
DFP	Digital Flat Panel (Port)
DFR	Double Frequency Recording
DFS	Deniable File System
DFS	Depth First Search
DFS	Distributed File Service/System
DFS	Dynamic Frequency Selection
DFSA	Direct File System Access
DFSG	Debian Free Software Guidelines
DFSMS	Data Facility Storage Management Subsystem
DFT	Design For Testability
DFT	Diagnostic Function Test
DFT	Discrete Fourier Transform/Transformation
DFT	Distributed Function Terminal
DFT	Drive Fitness Test
DFU	Data File Utility
DFU	Device Firmware Update
DFUE	Datenfernübertragung
DFV	Datenfernverarbeitung
DFZ	Default-free Zone
DG	Data Group
DG	Datagram
DGA	Direct Graphics Access/Architecture
DGC	Distributed Garbage Collection
DGI	Deutsche Grid-Inititative
DGIF	Delta GIF
DGIS	Direct Graphics Interface Standard
DGL	Device-independent Graphics Library (HP)
DGN	Deutsche Gesellschaft für Netzdienste

DGPS	Differential Global Positioning System
DGS	Dynamische Geometrie-Software
DGT	Direction Generale des Telecommunications
DH	Diffie-Hellman (Key Exchange)
DH	Digital Home
DHCP	Dynamic Host Configuration Protocol (Internet)
DHDTV	Digital High Definition Television
DHIS	Dynamic Host Information System
DHL	Dynamic Head Loading
DHRVVF	Ducking, Hiding and Running Very Very Fast (Slang)
DHS	Department of Homeland/Hopeless Security, USA
DHSD	Duplex High Speed Data
DHT	Distributed Hash Table
DHTML	Dynamic Hypertext Markup Language
DI	Data In
DI	Decoder Identification
DI	Destination Index
DIA	Defence Intelligence Agency
DIA	Deutsche Informatik Akademie
DIA	Display Industry Association
DIA	Document Interchange Architecture (IBM)
DIAC	Dedicated Inquiry Access Code
DIAD	Delivery Information Acquisition Device
DIAS	Digital Information Archiving System
DIB	Data Information Base
DIB	Device Independent Bitmap
DIB	Directory Information Base
DIB	Dual Independent Bus
DIBOL	DEC Business Oriented Language
DICOM	Digital Image/Imagery/Imaging (and) Communication/Communications
DICOM	Digital Imaging and Communications in Medicine
DID	Digital Image Design
DID	Digital Information Display
DID	Direct Inward Dialling
DIDAC	Digital Data Acquisition + Control
DIDL	Digital Item Declaration Language
DIDS	Defense Integrated Data System
DIDS	Distributed Intrusion Detection System
DIF	Data/Directory Interchange Format
DIFS	Distributed/DCF Inter Frame Space

DIG	Digital Imposition Geometry
DIGI	Deutsche Interessengemeinschaft Internet e. V.
DII	Dynamic Invocation Interface
DIIP	Direct Interrupt Identification Port
DIL	Dual In Line
DILA	Direct-Drive Image Light Amplifier (D-ILA)
DILLIGAS	Do I Look Like I Give A Shit (Slang)
DIM	Data Interpretation Module
DIMDI	Deutsches Institut für Medizinische Information und Dokumentation
DIME	Direct Internet Message Encapsulation
DIMM	Dual Inline Memory Module
DIN	Deutsche Initiative für Netzwerkinformation
DIN	Deutsches Institut für Normung, Berlin
DIN	Do It Now (Slang)
DINI	Deutsche Inititative für Netzwerkinformation
DIO	Data Input and Output
DIP	Dialup Internet Protocol
DIP	Digital/Document Image Processing
DIP	Dissemination Information Package
DIP	Dual Inline Package/Pin
DIPS	Dual Domain In Plane Switching
DIR	Directory
DIRC	Digital Inter Relay Communication
DIS	Data Item Specification
DIS	Digital Immune System (Symantec)
DIS	Directory/Distributed Information System
DIS	Distributed Interactive Simulation
DIS	Draft International Standard (ISO)
DIS	Dynamic Impedance Stabilization
DISA	Data Interchange Standards Association
DISA	Defense Information Systems Agency, USA
DISA	Direct Inward System Access
DISC	Disconnect (frame)
DISCO	Digital Secure Communication (Bosch/Ascom)
DISCSI	Differential SCSI
DISEQC	Digital Satellite Equipment Control
DISN	Defense Information Systems Network
DISOSS	Distributed Office Support System (IBM)
DISP	Directory Information Shadow Protocol
DISP	Displacement

DIST	Digital Image Scaling Technology
DIT	Depth of Inheritance Tree
DIT	Directory Information Tree
DITO	Dit Is Totale Onzin (Slang)
DITO	DoD IPv6 Transition Office
DITR	Deutsches Informationszentrum für Technische Regeln
DIU	Data Interface Unit
DIV	Data In Virtual (Facility)
DIV	Digitale Vermittlungsstelle
DIV	Divide
DIVA	Digitales Videoarchiv, Karlsruhe
DIVE	Direct Interface Video Extension
DIVO	Digitale Vermittlungsstelle Ortsnetz
DIVX	Digital Video Express
DIW	D-Inside Wire
DIWSCSI	Differential Wide SCSI (16 Bit)
DIX	Digital Equipment Corporation, Intel, Xerox (Ethernet)
DIY	Do It Yourself (Slang)
DJDE	Dynamic Job Descriptor Entry
DJM	Distributed Job Manager
DKE	Deutsche Kommission Elektrotechnik Elektronik Informationstechnik im DI
DKE	Deutscher Kleinempfänger (Goebbelsharfe)
DKG	Digitales Kartengerät
DKI	Device Kernel Interface
DKIM	Domain Keys Identified Mail
DKMS	Dynamic Kernel Module Support (Linux)
DKOM	Direct Kernel Object Manipulation
DKRZ	Deutsches Klima-Rechenzentrum, Hamburg
DKUUG	Danish UNIX Users' Group
DKZ	Datenkonzentrator
DL	Download
DL/1	Data Manipulation Language 1 (IBM)
DLB	Dynamic Load Balancing
DLC	Data Link Control (IBM)
DLC	Digital Learning Center (Kodak)
DLC	Digital Loop Carrier
DLC	Distributed Loop Carrier
DLC	Down Line Control
DLCI	Data Link Connection Identifier
DLCX	Data Link Control Exchange

DLD	Detailed Level Design
DLE	Data Link Escape
DLF	Deutschlandfunk
DLGI	Dienstleistungsgesellschaft für Informatik
DLHP	Deutsches Linux HowTo Projekt
DLI	Digital Libraries Initiative
DLL	Data Link Layer
DLL	Delay/Digitally Locked Loop
DLL	Dynamic Link Library
DLLP	Data Link Layer Protocol
DLM	Distributed LAN Monitoring
DLM	Distributed Lock Manager
DLM	Dynamic Link Module
DLNA	Digital Living Network Alliance
DLO	Document-Like Object
DLOC	Delta Lines Of Code
DLP	Data Load Partition
DLP	Digital Light Processing
DLPI	Data Link Provider Interface
DLR	Dependent LU Requester
DLR	Design Layout Record
DLR	DOS LAN Requester
DLS	Data Link Switching
DLS	Dependent LU Server
DLS	Distributed Load Sharing
DLS	Downloadable Sounds
DLSG	Deutsche Lehrsoftware Gemeinschaft
DLSW	Data Link Switching
DLT	Digital Linear Tape
DLTM	Don't Lie To Me (Slang)
DM	Data Mark/Mining/Mode
DM	Delta Modulation
DM	Dense Mode
DM	Device Management/Mapper
DM	Dialogue Management (System)
DM	Direct Manipulation (of text)
DM	Disconnect/Disconnected Mode
DM	Distributed Memory/Monitor
DMA	Direct Memory Access/Addressing
DMA	Document Management Alliance

DMAC	Direct Memory Access Controller
DMAN	Differential Manchester (Coding)
DMAPI	Data Management Application Program Interface
DMB	Digital Multimedia Broadcast/Broadcasting
DMB	Domain Master Browser
DMC	Digital Media Center
DMC	Direct Memory Controller
DMC	Distributed Management Chain
DMCA	Digital Millenium Copyright Act
DMD	Device Manager Driver
DMD	Digital Micromirror Device
DMD	Direct Manipulation Device
DMD	Directory Management Domain
DME	Digitaler Meldeempfänger
DME	Direct Memory Execution
DME	Distance Measuring Equipment
DME	Distributed Management Environment (OSF)
DMF	Direct Manual Focus
DMF	Distribution Media Format
DMG	Distress Message Generator
DMI	Data Management and Interoperability
DMI	Data Memory Interface
DMI	Database Management Interface
DMI	Definition of Management Information
DMI	Design Manufacturing Interface
DMI	Desktop Management Interface
DMI	Deutsche Mittelstandsinformatik
DMI	Digital Media Infrastructure
DMI	Digital Multiplexed Interface
DMI	Digital Music Initiative
DMI	Diploma in Medical Informatics
DMI	Dipole Mode Index
DMI	Direct Manipulation Interface
DMI	Distributed Management Interface
DMI	Distributed Medical Intelligence
DMI	Dynamic Method Invocation
DML	Data Manipulation Language
DML	Dialog Markup Language
DML	Distributed Mode Loudspeaker
DMLT	Distributed Multi Link Trunking

DMM	Digital Multimeter
DMMP	Distributed Memory, Message Processing
DMMS	Dynamic Memory Management System
DMMV	Deutscher Multimedia Verband
DMO	Directory Management Organization
DMOS	Double-diffused Metal-Oxide Semiconductor
DMOZ	Directory Mozilla
DMP	Designated Mailers Protocol
DMP	Dot Matrix Printer
DMPC	Distributed Memory Parallel Computer
DMPM	Digital Monitor Power Management
DMPP	Distributed Memory Parallel Processor
DMQS	Display Mode Query and Set (IBM)
DMR	Dual Modular Redundancy
DMS	Data/Design/Desktop/Document Management Software/System
DMS	Deadline Monotonic Scheduling
DMS	Digital Management Solutions
DMSD	Digital Multi-Standard Decoding
DMSDK	Digital Media Software Development Kit
DMSP	Distributed Mail System Protocol
DMSS	Distributed Mass Storage System
DMSV	Distributed Memory, Shared Variables
DMT	Discrete Monitor Timing (VESA)
DMT	Discrete Multitone (Modulation)
DMTF	Desktop/Distributed Management Task Force
DMU	Digital Mock-up
DMUP	Debian Machine Use Policies
DMUX	Demultiplexer
DMY	Day Month Year (Datumsangabe)
DMZ	De-Militarised Zone (Firewall)
DN	Distinguished Name
DN	Down
DNA	Digital Network Architecture (DEC)
DNA	Direct Note Access
DNA	Distributed Network Architecture
DNA	Document Enabled Network
DNB	Deutsche Nationalbibliographie
DNC	Direct/Distributed Numerical Control
DNCP	Decnet Phase IV Control Protocol
DNCRI	Division of Networking and Communications Research and Infrastructure (NSF)

DND	Do Not Disturb
DNDO	Do Not Disturb Override
DNE	Deterministic Network Enhancer (VPN)
DNF	Disjunktive Normalform
DNG	Datennetzabschlussgerät
DNG	Digital Negative
DNHR	Dynamic Non-Hierarchical Routing
DNI	Desktop Network Interface
DNI	Direct Neural Interface
DNIC	Data Network Identification Code
DNIE	Digital Natural Image Engine
DNIS	Dialed Number Identification Service
DNKZ	Datennetz-Kontrollzentrum (DBP)
DNL	Dynamic Noise Limiter
DNLC	Directory Name Lookup Cache
DNM	Datennetzabschlussmodul
DNMS	Datennetz-Management-Software
DNPG	Digital Networks Product Group
DNRC	Domain Name Rights Coalition
DNS	Direct Numerical Simulation
DNS	Domain Name Server/Service/Scheme/System (Internet)
DNSB	Daten-Netz-Signalisierung Typ B
DNSBL	DNS Based Blacklist
DNSO	Domain Name Supporting Organization
DNSSEC	Domain Name System with Security Extensions
DNUG	Deutsche Notes User Group
DO	Data Out, Distributed Object
DOA	Dead On Arrival
DOAG	Deutsche Oracle-Anwender-Gruppe
DOAJ	Directory of Open Access Journals
DOAR	Directory of Open Access Repositories
DOC	Distributed Object Computing
DOCP	DAE Optimal Control Problem
DOCS	Designation of Other Coding System
DOCSIS	Data Over Cable Service Interface Specification
DOCSV	Data Over Circuit Switched Voice
DOCT	Distributed Object Computation Testbed
DOD	Department of Defence (Defense), USA
DOD	Digital Optical Disc
DOD	Dollars On Demand

DOD	Drink Or Die
DOD	Drop On Demand
DODCI	Department Of Defense Computer Institute
DOE	Department Of Energy, USA
DOE	Distributed Objects Environment/Everywhere
DOI	Digital Object Identifier
DOI	Domain Of Interpretation
DOIP	Dial Other Internet Providers
DOK	Distrikts- und Ortsverbands-Kenner (des DARC)
DOL	Direct Object Linking
DOLAP	Desktop OLAP
DOM	Document Object Model/Modul
DOM	Document Output Management
DOMF	Distributed Object Management Facility (Sun)
DOORS	Distributed Object Oriented Reliable Service
DOP	Directory Operational Binding Management Protocol
DOQ	Digital Orthophoto Quadrangle
DOR	Digital Optical Recording
DOS	Denial Of Service
DOS	Disk Operating System
DOS	Distributed Operating System
DOSEM	DOS Emulator/Emulation
DOSS	Dedicated Office Systems and Services
DOT	Document Template
DOT	Documents to Think with (GMD)
DOV	Data Over Voice
DOVE	Digital Orbiting Voice Encoder
DOW	Day Of Week
DOW	Direct Overwrite
DP	Data Processing
DP	Dial Pulse
DP	Digital Person/Persona/Photography
DP	Distributed Printing/Processor
DP	Dot Pitch
DP	Draft Proposed Standard (ISO)
DPA	Demand Protocol Architecture
DPA	Differential Power Analysis
DPA	Document Printing Application/Architecture
DPAM	Demand Priority Access Method
DPAR	Data Parallel Abstraction

DPAREN	Data Parity Enable (IBM)
DPB	Drive Parameter Block
DPBO	Downstream Power Back Off
DPC	Deferred Procedure Call
DPC	Direct Program Control
DPC	Display Controller
DPCM	Differential Puls Code Modulation
DPCT	Data Processing Control Transmittal Card
DPD	Dead Peer Detection
DPD	Deep Power Down (modus)
DPDA	Deterministic Push Down Automaton
DPDS	Data Processing Distributed Systems
DPF	Discrete Packet Format
DPG	Dedicated Packet Group
DPI	Deep Packet Inspection
DPI	Distributed Protocol Interface
DPI	dots per inch
DPL	Debian Project Leader
DPL	Descriptor Privilege Level
DPL	Distributed Program Link
DPM	Digital Panel Meter
DPM	Display Power Management
DPMA	Data Processing Management Association, USA
DPMA	Deutsches Patent- und Markenamt, München
DPMI	DOS Protected Mode Interface (Microsoft)
DPMS	Digital/Display Power Management Signaling/Software/Support
DPMS	Display Power Management Signaling (Standard) (VESA)
DPMS	DOS Protected Mode Service
DPO	Dial Pulse Originating
DPO	Data Phase Optimization
DPOF	Digital/Direct Print Order Format
DPP	Demand Priority Protocol
DPR	Distributed Pasword Recovery
DPR	Dynamic Physical Rendering
DPS	Digital Print System
DPS	Display Postscript
DPS	Document Processing System
DPSI	Direction, Planification et Strategie Informatique
DPSI	Dots Per Square Inch
DPSI	Dual Power Servo Interface

DPSK	Differential Phase Shift Keying
DPT	Data Processing Terminal
DPT	Drive Parameter Table
DPU	Data Parallel Unit
DQCB	Distributed Queue Control Bus
DQDB	Distributed Queue Double/Dual Bus
DQF	Driver Qualification File
DQL	Data/Database/DataEase Query Language
DQL	DAML Query Language
DQL	DICOM Query Label
DQL	Domain Qualifier List/Lists
DQO	Data Quality Objective
DQPSK	Differential Quadrature Phase Shift Keying
DR	Data Received
DR	Designated Router
DR	Digital Research
DR	Direct or Reverse
DR	Disaster Recovery
DR	Document Request
DR	Dynamic Reconfiguration
DRA	Deutsches Rundfunk-Archiv
DRAM	Dynamic Random Access Memory
DRAW	Direct Read After Write
DRB	DRAM Row Boundary
DRBD	Distributed Replicated Block Device
DRC	Dynamic Range Compression
DRCMF	Digital Reality Creation Multi Function (Sony)
DRCS	Dynamically Redefinable Character Set
DRDA	Distributed Relational Database Architecture (IBM)
DRDA	Distributed Remote Database Access
DRDRAM	Direct Rambus Dynamic RAM
DRDW	Direct Read During Write
DRE	Direct Recording Electronic (Device)
DRE	Distributed Real-time and Embedded (systems)
DRI	Declarative Referential Integrity
DRI	Defense Research Internet
DRI	Digital Research Incorporated
DRI	Direct Rendering Infrastructure
DRI	Dynamic Range Increase
DRL	Dynamically Reconfigurable Logic

DRM	Digital Radio Mondiale (Modulation)
DRM	Digital Restrictions/Rights Management
DRM	Direct Rendering Manager
DRM	Distributed Resource Management
DRM	Dual Retention Mechanism
DRMS	Data Record Management System
DRO	Data Request Output
DRO	Destructive Read Out
DRP	DEC's Routing Protocol
DRP	Disaster Recovery Plan
DRP	Distributed Reservation Protocol
DRQ	Disengage Request
DRQ	DMA Request
DRR	Dynamic Rate Repartitioning
DRS	Data Relay Satellite
DRS	Document Registration System
DRS	Domino Runtime Services
DRS	Driver Resource
DRS	Druckstation
DRTS	Data Relay + Tracking System
DRTS	Distributed Revision Tracking System
DRV	Drive (Laufwerk)
DRY	Don't Repeat Yourself
DS	Data Segment/Send/Server/Strobe
DS	Differentiated Service
DS	Digit Select
DS	Directory Services
DS	Distributed Services (OSF)
DS	Distribution Service (Cable TV)
DS	Distribution System (WLAN)
DS	Double Sided
DS	Drive Select
DS02	ISDN-Festverbindung 128 kbit/s
DS3	Digital Signal Level 3
DSA	Data Service Adapter
DSA	Data/Digital Signature/Standard/Storage Architecture/Algorithm
DSA	Debian Security Advisory
DSA	Digital Signature Algorithm
DSA	Directory System Agent (X.500)
DSAB	Distributed Systems Architecture Board

DSAF	Destination Subarea Address Field
DSAP	Data Self Auditing Program
DSAP	Destination Service Access Point
DSAS	Data Sharing Architecture System
DSB	Datenschutzbeauftragter
DSB	Double Side Band
DSC	Digital Selective Call/Calling
DSC	Direct Satellite Communications
DSC	Direct Space Control
DSC	Document Structuring Comments/Conventions (Postscript)
DSCH	Downlink Shared Channel
DSCP	Differentiated Services Code Point
DSCS	Defense Satellite Communications System, USA
DSD	Direct Stream Digital
DSDC	Data Segment Descriptor Cache
DSDC	Dual Socket Direct Connect
DSDD	Double Sided Double Density (Floppy)
DSDT	Data Set Definition Table
DSDT	Differentiated System Description Table
DSE	Data Storage Equipment
DSE	Data Switching Exchange
DSE	Distributed System Environment
DSE	DSA Specific Entry
DSEA	Display Station Emulation Adapter
DSECT	Data/Dummy Control Section
DSEE	Domain Software Engineering Environment (HP)
DSG	Digital Signal Generator
DSH	Desparately Seeking Help (Slang)
DSH	Dotnet Scripting Host
DSHD	Double Sided High Density (Floppy)
DSI	Detailed Spectrum Investigation
DSI	Digital Sspeech Interpolation
DSI	Dynamic Systems Initiative (Microsoft)
DSIG	Digital Signature
DSIMM	Dual RAS SIMM
DSIS	Distributed Support Information Standard
DSK	Datenschutzkommission
DSL	Damn Small Linux
DSL	Dialogue Scripting Language (OSF)
DSL	Digital Subscriber Line

DSL	Dynamic Simulation Language
DSLAC	DSL Access Concentrator
DSLAM	Digital Subscriber Line Access Multiplexer
DSLB	Digital Subscriber Line Board
DSM	Daten-Signal-Multiplexsystem
DSM	Demand Side Management
DSM	Distributed Shared Memory
DSM	Domain Specific Modelling
DSMA	Digital Sense Multiple Access
DSMIT	Distributed SMIT (IBM)
DSML	Directory Services Markup Language
DSMLT	Distributed Split Multi Link Trunking
DSMX	Digitaler Signalmultiplexer
DSN	Data Source Name
DSN	Deep Space Network
DSN	Defense Switched Network
DSN	Delivery Status Notification
DSN	Digital Switching Network
DSN	Distributed Sensor Networks
DSO	Digital Sampling Oscilloscope
DSO	Dynamic Shared Object
DSOM	Distributed System Object Model
DSOM	Distributed Systems Operations and Management
DSP	Delivery Service Partner
DSP	Digital Signal/Sound Processing/Processor
DSP	Directory Synchronization/System Protocol
DSP	Display Support/Systems Protocol
DSP	Domain Specific Part
DSPL	Datensichtplatz
DSPT	Display Station Pass Thru
DSPU	Downstream Physical Unit
DSQ	Digital Squelch
DSQ	Double Square (Coding)
DSQD	Double Sided Quad Density (Floppy)
DSR	Data Set Ready
DSR	Device Status Register/Report
DSR	Digitales Satelliten-Radio
DSR	Document Search and Retrieval
DSR	Dynamic Source Routing
DSRC	Dedicated Short Range Communication

DSRI	Deutsche Stiftung für Recht und Informatik
DSS	Data Security Standard
DSS	Data Storage Segment/Server
DSS	Decision Support System
DSS	Digital Satellite System
DSS	Digital Signature Standard/System
DSS	Digital Spread Spectrum
DSS	Digital Subscriber Signalling
DSS	Digitized Sky Survey
DSS	Direct Station Selector
DSS	Directory and Security Services
DSS	Distributed Security Service
DSS1	Digital Signalling System No. 1
DSSA	Domain Specific Software Architecture
DSSI	Digital Standard Systems Interconnect (DEC)
DSSI	Digital Storage Systems Interconnect
DSSS	Direct Sequence/Sequencing Spread Spectrum
DSSSL	Document Style Semantics and Specification Language
DST	Datenstation
DST	Daylight Saving Time
DST	Depleted Substrate Transistor
DST	Direct Stream Transfer
DST	Dispersive Signal Technology
DSTN	Double Super Twisted Nematic Field Effective Material
DSU	Data/Digital Service/Switching Unit
DSUWG	Data Systems Users' Working Group
DSVD	Digital Simultaneous Voice and Data
DSW	Data/Device Status Word
DSX	Digital Signals Cross-Connect
DT	Data Track/Translation/Transmission/Transmit/Type
DT	Date + Time
DT	Deep Trench (bipolar junction transistor)
DT	Definition Term
DT	Delay Time
DT	Desktop
DT	Deutsche Telekom
DT	Diagnostic Test
DT	Dial Tone
DT	Digital/Direct Television
DT	Digital Termination

DT	Directional Transmission
DT	Display Terminal
DT	Distributed (graphical user interface) Toolkit
DT	Double Tagging
DT	Downtime
DTA	Datenträger-Austausch
DTA	Diagnosetestablauf
DTA	Direct Tape Access
DTA	Disk Tranfer Area
DTAB	Demountable Tape Automated Bonding
DTAG	Deutsche Telekom AG
DTC	Data Communications and Terminal Controller
DTC	Desktop Communication/Conferencing
DTC	Distributed TCP Caching
DTC	Distributed Transaction Coordinator
DTCP	Digital Transmission Content/Copy Protection
DTD	Document Type Definition
DTDS	Disaster Tolerant Disk System
DTE	Data Terminal/Terminating Equipment
DTE	Dumb Terminal Emulator
DTF	Digital Tape Format (Sony)
DTF	Distributed Test Facility
DTFS	Desktop File System
DTIM	Delivery Traffic Indication Map/Message
DTK	Deception Toolkit
DTK	Desired Track
DTK	Developer Transition Kit
DTL	Designated Transit List
DTL	Dialogue Tag Language
DTL	Diode Transistor Logic
DTLA	Dynamic Transmit Level Adjustment
DTLB	Dual Translation Lookaside Buffer
DTLS	Datagram Transport Layer Security
DTLS	Descriptive Top Level Specification
DTLS	Distributed Teaching, Learning, and Services
DTM	Deterministic Turing Machine
DTM	Digital Terrain Mapping
DTMF	Data/Dual Tone Multiple Frequency
DTMF	Desktop Management Task Force
DTML	Document Template Markup Language

DTN	Data Transmission Network
DTN	Delay/Disruption Tolerant Network/Networking
DTN	Digital Telephone Network
DTN	Duplex, Tray, Network (printer)
DTN	Dutch Telecom Netherlands
DTOS	Distributed Trusted Operating System
DTP	Desktop Publishing
DTP	Distributed Transaction Process/Processing
DTPS	Dialer Token Pairs
DTR	Data Terminal Ready
DTR	Data Transfer Rate
DTR	Dedicated Token Ring
DTR	Digital Trunk
DTS	Decode Time Stamp
DTS	Digital Termination/Transceiving System
DTS	Digital Theatre Sound/System
DTS	Direct To SOM
DTS	Distributed Time Server/Service
DTS	Distributed Traffic Shaping (Cisco)
DTSS	Dartmouth Time Sharing System
DTSS	Digital Time Synchronization Service
DTTB	Digital Terrestrial TV Broadcasting
DTV	Desktop Video
DTV	Digital Television
DTVC	Desktop Video Conferencing
DTX	Discontinuous Transmission
DU	Disk Usage
DUA	Directory User Agent (X.500)
DUAT	Direct User Access Terminal
DUCWIC	Do You See What I See (Slang)
DUe	Datenübertragung
DUeE	Datenübertragungseinheit/-einrichtung
DUG	Discretionary User Group
DUKATH	Drahtlose Universität Karlsruhe (TH)
DUL	Dial-up User List
DUN	Dial-up Networking (Profile)
DUNCE	Dial-up Network Connection Enhancement
DUNDI	Distributed Universal Number Discovery
DUNDIS	Direction of United Nations Databases and Information Systems
DUS	Datenübertragungssystem

DUST	Datenübertragungssteuerung
DUST	Datenumsetzerstelle
DUT	Device Under Test
DUV	Data Under Voice
DV	Datenverarbeitung
DV	Delivery Verification (certificate)
DV	Digital Video
DV	Distance Vector
DVA	Datenverarbeitungsanlage
DVA	Distance Vector Algorithm
DVB	Digital Video Broadcast/Broadcasting
DVBH	Digital Video Broadcast/Broadcasting Handheld
DVBT	Digital Video Broadcast/Broadcasting Terrestrial
DVC	Desktop Video Conferencing
DVC	Digital Vibrance Control
DVC	Digital Video Camera/Cassette
DVCR	Digital Video Cassette Recording
DVCS	Distributed Version Control System
DVD	Dackel Vom Dienst
DVD	Deutsche Vereinigung für Datenschutz
DVD	Digital Versatile/Video Disc
DVD-R	Digital Versatile Disk Read Only Memory
DVD-RW	Digital Versatile Disk Re-Writable
DVD-RAM	Digital Versatile Disk Random Access Memory
DVE	Digital Video Effects
D-VHS	Data VHS
DVI	Deutsches Video Institut
DVI	Device Independent
DVI	Digital Video/Visual Interactive/Interface/Interleaved
DVL	Digital Video Link
DVM	Digital Voltmeter
DVMRP	Distance Vector Multicast Routing Protocol
DVO	Dynamic Variable Ordering (Heuristic)
DVOF	Digital Video Over Fibre
DVR	Digital Video/Voice Recorder
DVST	Datenvermittlungsstelle
DVV	Datenverarbeitungsverantwortlicher
DW	Data Warehouse/Warehousing
DW	Dual Watch
DWDM	Dense Wavelength Division Multiplexer/Multiplexing

DWF	Drawing Web Format
DWG	Drawing (AutoCAD)
DWIM	Do What I Mean (Slang)
DWISNWID	Do What I Say Not What I Do (Slang)
DWM	Diskless Workstation Management
DWMT	Discrete Wavelet Multi Tone
DWN	Debian Weekly News
DWS	Digitaler Wahlstift
DWT	Directory Watch
DWT	Discrete Wavelet Transform/Transformation
DWTT	Distribution Wide Tracker Tool
DX	Directory Exchange
DX	Weitverkehr, Distance (Funk)
DXA	Directory Exchange Agent
DXB	Digital Extended Broadcasting
DXB	Drawing Exchange Binary
DXC	Data Exchange Control
DXC	Digital Cross Connect
DXF	Data/Drawing Exchange/Interchange File/Format
DXF	Data Transfer File
DXG	Datexnetzabschlussgerät
DXI	Data Exchange Interface
DYHWIH	Do You Hear What I Hear (Slang)
DYMO	Dynamic MANET On-Demand (Routing)
DYNSLT	Dynamic Select
DYNSRC	Dynamic Source
DZUG	Deutsche Zope Users Group

E	Electronic, End, Enhanced, European, Extended
E2EG	Ear To Ear Grin (Slang)
E2U	E.164 To URI
EA	Effective Address
EA	Eingabe/Ausgabe, E/A
EA	Emulsion Aggregation
EA	Extended Address/Attribute
EA	External Address
EAC	Election Assistance Commission, USA
EAC	European Activities Committee
EAC	Exact Audio Copy

EAC	Extended Access Control
EACEM	European Association of Consumer Electronics Manufacturers
EAD	Encoded Archival Description (Format)
EAD	Ethernet-Anschlussdose
EAI	Enterprise Application Integration
EAIM	European Alliance for Information Management
EAL	Evaluation Assurance Level
EAM	Electronic Accounting Machinery
EAN	European Advanced Networking (Protocol)
EAN	European Article Number
EAN	Extragalactic Area Network
EANCOM	EDIFACT-Subset Konsumwirtschaft
EANTC	European Advanced Networking Test Center
EAP	Extensible Authentication Protocol
EAPOE	Extensible Authentication Protocol Over Ethernet
EAPOL	Extensible Authentication Protocol Over LAN
EAPS	Ethernet Automatic Protection Switching
EAR	Eavesdrop And Register
EAR	Elektro-Altgeräte Register
EAR	Enterprise Archive
EAR	External Access Register
EARBA	Enhanced Adaptive Rate Based Algorithm
EARN	European Academic Research Network
EAROM	Electrically Alterable Read Only Memory
EARS	Electronic Access to Reference Services
EARS	Electronic Authoring and Routing System
EARS	Explicit Archive and Retrieval System
EAS	Electronic Authorization System
EAS	Enterprise Agreement Subscription
EAS	Extended Area Service
EASA	European Academic Software Award
EASC	Euro-Asian Council for Standardization, Metrology and Certification (Russia
EASKT	Einzelanschluss-Konzentrator
EATA	Enhanced AT Bus Attachment
EAWR	Eingabeauswahlknotenregister
EAX	Environmental Audio Extensions
EAZ	Endgeräteauswahlziffer (ISDN)
EBASIC	Extended BASIC
EBC	EFI Byte Code
EBC	EISA Bus Controller

EBCDIC	Extended Binary Coded Decimal Interchange Code (IBM)
EBCOT	Embedded Block Coding with Optimized Truncation
EBCT	Electron Beam Computed Tomography
EBD	Emergency Boot Disk
EBI	Equivalent/Extended Background Input/Investigation
EBL	Electronic Bearing Line
EBM	Electronic Bearing Marker
EBNF	Erweiterte (Extended) Backus-Naur-Form
EBONE	European Backbone
EBP	Electronic Bill Presentmet
EBP	Elektronisches Briefpapier
EBP	Extended Base Pointer
EBPNN	Error Back Propagation Neural Network
EBPP	Electric Bill Presentment and Payment
EBR	Excessive Burst Rate
EBR	Extended Boot Record
EBS	Event Based Sampling
EBT	Electronic Benefits Transfer
EBTF	European Banking Technology Fair
EBU	European Broadcasting Union
EBV	Elektronische Bildverarbeitung
EBX	Electronic Book Exchange
EBXM	Electronic Business XML
EC	Echo Cancellation
EC	Educational Computer
EC	Electronic Cash/Commerce
EC	End Chain
EC	Error Control
EC	European Community
EC	Evolutionary Computing
EC	Exchange Carrier
EC	Executive Commitee
ECA	Event, Condition, Action
ECAD	Electronic Computer Aided Design
ECAL	Enjoy Computing And Learn
ECAS	Exchange Card Architecture Specification
ECAT	Electronic Card Assembly and Test
ECB	Electronic Code Book
ECB	Event Control Block
ECBS	European Committee for Banking Standards

ECC	Elliptic Curve Cryptosystem/Cryptography
ECC	Enter Cable Change
ECC	Error Check/Correction Circuit/Code
ECC	Error Checking and Correcting
ECCC	Electronic Colloquium on Computational Complexity
ECCN	Export Control Classification Number
ECCOS	Electronic Card Catalog + Ordering System
ECD	Enhanced Colour Display
ECD	Enhanced Compact Disc
ECDH	Elliptic Curve Diffie Hellman
ECDL	European Computer Driving License
ECDLP	Elliptic Curve Discrete Logarithm Problem
ECDSA	Elliptic Curve Digital Signature Algorithm
ECDT	Embedded Controller Boot Resources (Description) Table
ECEF	Earth-centered Earth-fixed
ECF	Enhanced Connectivity Facility
ECG	Electronic Content Guide
ECHO	European Community Host Organisation
ECI	Europäisches Computer Informationszentrum, Bonn
ECI	External Call Interface
ECIN	Electronic Commerce Info Net
ECIS	European Committee for Interoperable Systems
ECL	Emitter Coupled Logic
ECL	Execution Control List
ECLF	Extended Log File Format
ECM	Electronic Control Module
ECM	Enhanced Coprocessor Mount
ECM	Enterprise Content Management
ECM	Entity Connection/Coordination Management
ECM	Error Correcting/Correction Mode
ECMA	European Computer Manufacturers Association
ECN	Electronic Communications Network
ECN	Explicit Congestion Notification
ECNE	Enterprise Certified NetWare Engineer (Novell)
ECO	Electron Coupled Oscillator, Electronic Commerce Forum
ECODU	European Control Data Users Group
ECOM	Electronic Commerce
ECOM	Electronic Computer Originated Mail
ECOM	Emergency/Exterior Communications
ECOMA	European Computer Measurement Association

ECOOP	European Conference on Object Oriented Programming
ECP	Enhanced/Extended Capabilities Port (Microsoft)
ECP	Excessive Cross-Posting
ECPA	Electronic Communications Privacy Act
ECR	Efficient Consumer Response
ECRC	European Computer Industry Research Centre
ECRIT	Emergency Context Resolution with Internet Technologies
ECS	Embedded Computing System
ECS	Encryption Control Signal
ECS	Enhanced Chip Set
ECS	European Common Standard
ECS	European Communications Satellite
ECSD	Enhanced Circuit Switched Data
ECSI	European Custom Systems Integration
ECSS	Exalted Carrier Single Sideband
ECTF	Enterprise Computer Telephony Forum
ECTL	Electronic Communal Temporal Lobe
ECU	EISA Configuration Utility
ED	Edge Device
ED	End Delimiter
ED	Erase Display
ED2K	EDonkey2000
EDA	Electronic Design Automation
EDA	Embedded Document Architecture
EDA	Event Driven Architecture
EDA	Explorative Datenanalyse
EDAB	Extended Digital Audio Broadcasting
EDAC	Error Detection And Correction
EDAP	Extraordinary Data Availability and Protection
EDB	Embedded Data Base
EDC	Electronic Digital Computer
EDC	Enhanced Data Correction
EDC	Error Detection and Correction
EDC	Error Detection Code
EDCA	Enhanced Distributed Channel Access
EDCF	Enhanced Distributed Coordination Function
EDD	Enhanced Disk Drive
EDDC	Extended Distance Data Cable
EDE	Encrypt Decrypt Encrypt
EDF	Earliest Deadline First

EDFA	Erbium Doped Fiber Amplifier
EDG	Electronic/Email Discussion Groups
EDG	Environmental Data Gathering
EDG	Environmental Database Gateway
EDG	EOS Data Gateway
EDG	European Data Grid
EDGAR	Electronic Data Gathering, Analysis and Retrieval
EDGE	Enhanced Data Rates for GSM Evolution
EDGE	Explicit Data Graph Execution
EDI	Electronic Data/Document Interchange
EDIBDB	EDIFACT-Subset Baumärkte
EDID	Extended Display Identification Data
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport (U
EDIFICE	EDIFACT-Subset Elektroindustrie
EDIFURN	EDIFACT-Subset Möbelindustrie
EDIOFFICE	EDIFACT-Subset Bürobedarf
EDITEX	EDIFACT-Subset Textilindustrie
EDL	Edit Decision List
EDL	Encapsulator/Enterprise Definition/Description Language
EDLC	Ethernet Data Link Control
EDM	Engineering Data Management
EDMS	Electronic Document Management System
EDMS	Enterprise Desktop Management Services
EDO	Enhanced/Extended Data Out/Output (DRAM)
EDOC	Electronic Document
EDOC	Enterprise Distributed Object Computing
EDP	Electronic Data Processing
EDP	Enhanced Dot Pitch
EDPM	Electronic Data Processing Machine
EDPS	Electronic/Enhanced Data Processing System
EDR	Enhanced Data Rate
EDR	External Developer Relaease
EDRAM	Enhanced Dynamic Random Access Memory
EDS	Electronic DIP Switch
EDS	Elektronisches Datenvermittlungssystem
EDS	Experimental Distributed System
EDSAC	Electronic Delay Storage Automatic Calculator
EDSI	Enhanced Small Device Interface
EDSL	Ethernet Digital Subscriber Line
EDSRA	Earth Data System Reference Application

EDSS	European Digital Subscriber System
EDTV	Enhanced/Extended Definition Television
EDU	educational; Internet-Domain: Universitäten in USA
EDV	Elektronische/Experimentelle Daten-Verarbeitung
EDVA	Erbium doped Fiber Amplifier
EDVAC	Electronic Discrete Variable Automatic Computer
EE	Electronic/Extended Edition
EE	Endeinrichtung
EEC	Extended Error Correction
EEDID	Enhanced Extended Display Identification Data
EEE	Energy Efficient Ethernet
EEEPROM	Emulated Electrically Erasable Programmable Read Only Memory
EEFL	External Electrode Fluorescent Lamp
EEHLLAPI	Entry Emulator HLLAPI
EEHO	Either End Hop Off
EEL	Epsilon Extension Language
EEM	Extended Memory Management
EEMA	European Electronic Messaging Association
EEMAC	Electrical + Electronic Manufacturers of Canada
EEMS	Enhanced Expanded Memory Specification/Support
EEP	Equal Error Protection
EEPAL	Electrically Erasable Programmable Array Logic
EEPI	Electronic Entertainment Policy Inititative
EEPLD	Electrically Erasable Programmable Logic Device
EEPROM	Electrically Erasable Programmable Read Only Memory
EES	Escrowed Encryption Standard
EESA	Enterprise Extensions SMART Accessed
EF	Externer Fehler
EFA	Extended File Attribute
EFAC	Extended File Access Control
EFCI	Explicit Forward Congestion Identification
EFF	Electronic Frontier Foundation
EFI	Electromechanical Frequency Interference
EFI	Electronics For Imaging
EFI	Extensible Firmware Interface
EFIP	European Federation of Interconnection and Packaging
EFISC	Enhanced Fast Instruction Set Computer
EFL	Emitter Follower Logic
EFLA	Extended Four Letter Acronym
EFM	Eight-by/to-Fourteen Modulation

EFR	Enhanced Full Rate
EFRC	Enhanced Full Rate CODEC
EFS	Electronic Filing System
EFS	Enhanced/Encrypted/Encrypting/Enterprise/Episode/Extent File System
EFS	Extended File (Name) Server
EFT	Electronic Funds Transfer
EFT	Euro File Transfer
EFTP	Easy File Transfer Protocol
EFTS	Electronic Funds Transfer System
EFUe	Emissionsdaten-Fernübertragung
EG	Evil Grin (Slang)
EG	Exterior Gateway
EGA	Enhanced Graphics Adaptor/Array
EGC	(Inmarsat) Enhanced Group Call
EGD	Entropy Gathering Daemon
EGEE	Enabling Grids for E-Science in Europe
EGG	Gesetz zum Elektronischen Geschäftsverkehr
EGK	Elektronische Gesundheitskarte (eGK)
EGL	Embedded-Systems Graphics Library
EGL	Enterprise Generation Language
EGN	Einzelgebührennachweis
EGNOS	European Geostationary Navigation Overlay System
EGP	Exterior Gateway Protocol (Internet)
EGPCS	Environment, GET, POST, Cookies, Server
EGPE	Extended Generalized Programming Environment
EGPRS	Enhanced General Packet Radio Service
EGW	Edge Gateway
EHCI	Enhanced Host Controller Interface
EHF	Extremely High Frequency
EHKP	Einheitliches höheres Kommunikationsprotokoll
EHLLAPI	Emulator High Level Language Application Programming Interface
EHR	Electronic Health Record
EHS	European Home System
EHSA	European Home Systems Association
EIA	Electronic Industries Alliance, USA
EIAJ	Electronics Industry Association of Japan
EIB	European Installation Bus
EIBA	European Installation Bus Association
EIBIEM	Enhanced Interactive Business Integrating Environment Manager
EICAR	European Institute for Computer Anti-Virus Research

EICTA	European Information, Communications + Consumer Electronics Industry Techno
EID	Electronic Identity
EID	Electronic Information Display
EIDE	Enhanced Integrated Drive Electronics
EIDP	Electronic Information Developers Program
EIES	Electronic Information Interchange System
EIES	European Information Exchange Service for the Communication between Harbou
EIFS	Extended Inter Frame Space
EIGRP	Enhanced Interior Gateway Routing Protocol
EIM	Electronic Image Management
EIMS	Eudora Internet Mail Server
EIN	European Informatics Network
EIP	Enterprise Informational Portal
EIP	Extended Instruction Pointer
EIP	Extended IP (Internet)
EIR	Equipment Identity Register
EIRP	Effective/Equivalent Isotropically Radiated Power
EIS	Electronic/Employee/Emergency Information Services/System
EIS	Enterprise/Executive/Expert Information System
EISA	Extended Industry Standard Architecture
EISS	Europäisches Institut für Systemsicherheit
EIST	Enhanced Intel Speedstep Technology
EIT	Event Information Table
EITI	European Interconnect Technology Initiative
EITO	European Information Technology Observatory
EIUF	European ISDN User Forum
EIV	Encryption Initialization Vector
EJB	Enterprise Java Beans
EJO	Electronic Journal Online
EK	Editor Kit
EK	Event Kernel
EKT	Envelope-Kanal-Teiler
EKTS	Electronic Key Telephone Service/Sets
EL	Electroluminiscent (Display)
EL	Elevation
EL	Embedded Linux
EL	Erase Line
ELAN	Educational/Elementary Language
ELAN	Emulated Local Area Network
ELANC	Enhanced Local Area Network Controller

ELC	Embedded Linking and Control
ELC	Embedded Linux Consortium
ELD	Electroluminescent Display
ELD	Electronic License Distribution
ELEC	Embedded Linux Expo + Conference
ELEC	Enterprise Local Exchange Carrier
ELENA	Elektronischer Einkommensnachweis
ELF	Executable and Linkable/Linking Format
ELF	Extremely Low Frequency
ELFEXT	Equal Level Far End Crosstalk
ELFF	Extended Log File Format
ELGA	Elektronische lebenslange Gesundheitsakte
ELKS	Embeddable Linux Kernel Subset
ELM	Electronic Mail (system)
ELOD	Erasable Laser Optical Disk
ELOS	Electro Optical Synergy
ELOS	Embedded Lightweight Operating System
ELP	Education License Program
ELS	Entry Level System
ELSA	Enhanced Linux System Accounting
ELSPA	European Leisure Software Publishers Assosciation
ELSTER	Elektronische Steuer-Erklärung
ELT	Emergency Locator Transmitter
ELV	Electronic/Extra Low Voltage
ELV	Elektronisches Lastschriftvefahren
ELWIS	Elektronisches Wasserstrassen-Informationssystem für die Binnenschifffahrt
EM	Electronic Mail
EM	End of Medium
EM	End-host Multicast
EM	Expanded Memory
EMA	Electronic Mail Association
EMA	Enterprise Management Architecture (DEC)
EMAC	European Market Awareness and Education Committee
EMACS	Editing Macros (GNU)
EMACS	Escape-Meta-Alt-Control-Shift (Slang)
EMAIL	Electronic Mail
EMAS	Edinburgh Multi-Access System
EMB	Enhanced Master Burst
EMB	Extended Memory Block
EMC	Electromagnetic Compatibility

EMC	Electronic Mail Connection
EMC	Extended Math Coprocessor
EMCC	Eckert-Mauchly Computer Company
EME	Earth - Moon - Earth (Connection)
EME	Electromagnetic Environment
EMEA	Europe, Middle East, and Africa
EMEA	European Medicinal Evaluation Agency, London
EMF	Electromagnetic Field/Force
EMF	Enhanced Meta File
EMFBI	Excuse Me For Butting In (Slang)
EMFIS	Emerging Markets Financial Services
EMHS	Electronic Message Handling Systems
EMI	Electric & Musical Industries
EMI	Electromagnetic Interference
EMI	External Memory Interface
EML	European Media Lab, Heidelberg
EMM	Enterprise Mail Manager
EMM	Expanded Memory Manager
EMP	Electromagnetic Pulse
EMP	Excessive Multi-Posting/Multiple Posting
EMPA	Eidgenössische Materialprüfungs- und Forschungsanstalt
EMR	Electromagnetic Radiation
EMR	Electronic Mail Registration
EMR	Enhanced Metafile Record
EMS	Electronic Mail System
EMS	Electronic/Enhanced Message Service
EMS	Energy Management System
EMS	Enhanced Messaging Service
EMS	Expanded Memory Specification
EMSAPI	Extended Messaging Services Application Programming Interface
EMSEC	Emanations Security
EMSEC	Embedded Security (group), UCLA
EMT	Embedded Management Tool
EMUG	European MAP Users Group
EMV	Elektromagnetische Verträglichkeit
EMVG	Gesetz über die elektromagnetische Verträglichkeit von Geräten
EMVU	Elektromagnetische Veträglichkeit zur Umwelt
EMX	Enterprise Mail Exchange
EN	End Node
EN	European Norm

ENA	Electronic Networking Association
ENCMM	Ethernet Network Control + Management Module
ENDEC	Encoder/Decoder
ENDF	Evaluated Nuclear Data File
ENDS	Ends Segment
ENFIA	Exchange Network Facilities For Interstate Access
ENIAC	Electronic Numerical Integrator And Computer
ENISA	European Network and Information Security Agency
ENITH	European Network for Information Technology in Human Services
ENL	European Network Laboratories
ENP	Ethernet Node Processor
ENQ	Enquiry
ENS	Enterprise Network System/Services/Switch
ENSS	European Navigation Satellite System
ENSS	Exterior Nodal Switching Subsystem (Internet)
ENUM	(T)Elephone Number Mapping
EO	Electro Optical
EO	Europe Online
EOA	End Of Address
EOB	End Of Block
EOC	Embedded Operations Channel
EOC	End Of Character/Conversion/Cycle
EOD	End Of Data
EOD	End Of Discussion (Slang)
EOF	ECC On the Fly
EOF	End Of Field/File/Flame
EOF	Enterprise Objects Framework
EOI	End Of Image/Interrupt
EOI	End Or Identify
EOJ	End Of Job
EOL	End Of Life/Line/List
EOL	Europa Online
EOM	End Of Message/Meckerei
EOM	Erasable Optical Memory
EON	Enhanced (Information Concerning) Other Networks
EOP	End Of Page/Partition
EOR	End Of Record
EOR	Exclusive Or (auch: XOR)
EOS	Educational Online Sources
EOS	Electro Optical System (Canon)

EOS	End Of String
EOS	Error Correction Code On SIMM
EOSAT	Earth Observation Satellite
EOSDIS	Earth Observing System Data and Information System (NASA)
EOT	Embedded Open Type
EOT	End of Tape/Transaction/Transmission/Table/Text
EOTC	European Organization for Testing and Certification
EOU	Ease Of Use
EOU	End Of User
EOUG	European Oracle Users Group
EPA	Environmental Protection Agency, USA
EPA	Europäisches Patentamt, München
EPA	Execution Path Analysis
EPAC	Enhanced Perceptual Audio Coding
EPC	Electronic Product Code
EPEAT	Electronics Product Environmental Assessment Tool
EPG	Electronic Program Guide
EPI	Enhanced Parallel Interface
EPI	Execute Programmer Immediately (Slang)
EPI	External Presentation Interface
EPIC	Electronic Privacy Information Center, USA
EPIC	Explicitly Parallel Instruction (Set) Computing
EPIRB	Emergency Position Indicating Radio Beacon
EPL	Effective Prvilege Level
EPL	Ethernet Powerlink
EPLD	Electronic/Erasable Programmable Logic Device
EPM	Enterprise Process Management
EPMAP	Electronic Publishing Mapping Project
EPO	Emergency Power Off
EPO	Entry Point Obscuring
EPOE	Enhanced Power Over Ethernet
EPP	Enhanced Parallel Port
EPP	Ethernet Packet Processor
EPPT	European Printer Performance Test
EPRCA	Enhanced Proportional Rate Control Algorithm
EPRML	Enhanced Partial Response Maximum Likelihood
EPROM	Erasable Programmable Read Only Memory
EPS	Electronic Publishing System
EPS	Encapsulated Postscript
EPS	Enterprise Parallel Server (HP)

EPSCS	Enhanced Private Switched Communications Service
EPSF	Encapsulated Postscript File Format
EPSI	Encapsulated Postscript Interchange Format
EPSMA	European Power Supply Manufacturers Association
EPSR	Ethernet Protection Switching Ring
EPSS	Experimental Packet Switching Service
EPU	Energy Processing Unit
EQ	Equalizer
ER	Entity Relationship
ER	Explicit Rate
ER	Externer Rechner
ERA	Elementarer/Eingeschränkter Regulärer Ausdruck
ERA	Extended Registry Attribute
ERAS	Electronic Routing and Approval System
ERBIS	Einheitliches Rechnerunterstütztes Betriebsführungssystem
ERC	European Radiocommunication Committee
ERC	European Research Council
ERC	Explicit Route Control
ERC	External Relations Committee
ERCIM	European Research Consortium for Informatics and Applied Mathematics
ERD	Emergency Repair Disc
ERD	Entity Relationship Diagram
ERE	Extended Regular Expression
ERESC	European Register of Stolen Computers
EREW	Exclusive Read, Exclusive Write (PRAM)
ERG	European Regulators Group
ERI	Emergency Recovery Information
ERIC	Educational Resources Information Center, USA
ERL	Echo Return Loss
ERLL	Enhanced Run Length Limited
ERM	EMC and Radio Matters
ERM	Entity/Enterprise Relationship Model
ERMA	Electronic Recording Method, Accounting (General Electric)
ERMES	European Messaging System
ERMES	European Radio Message Service/System
ERN	Explicit Route Number
ERO	European Radiocommunications Office
EROM	Erasable Read Only Memory
ERP	Effective Radiated Power
ERP	Endpoint Routing Protocol

ERP	Enterprise Resource Planning
ERR	Error
ERS	Evidence Record Syntax
ERU	Emergency Recovery Unit/Utility
ES	Elektronische Signatur
ES	Elementary Stream
ES	Endsystem, End System
ES	Enhanced Security
ES	Expanded Store
ES	Extra Segment
ESA	Enterprise System Architecture
ESA	European Space Agency
ESATA	External Serial ATA
ESB	Einseitenband, Single Side Band
ESB	Enterprise Service Bus
ESC	Electronic Support Center/Centre
ESC	Escape
ESC	European Support Center (Novell)
ESCD	Extended Setup/System Configuration Data
ESC/I	Epson Standard Code for Image Readers
ESC/P	Epson Printer Language
ESCM	Extended Services Communications Manager
ESCON	Enterprise Systems Connection (Architecture) (IBM)
ESD	Electronic Software Distribution
ESD	Electronic System Design
ESD	Electrostatic Discharge
ESD	Emergency Shutdown Device
ESD	Emergency Startup Disk
ESD	Entry Systems Division
ESDA	Electronic System Design Automation
ESDC	Extra Segment Descriptor Cache
ESDI	Enhanced Small/System Device Interface
ESDP	Enhanced Service Discovery Profile
ESDRAM	Enhanced Synchronous Dynamic RAM
ESE	Ethernet Switching Engine
ESE	Expert System Environment
ESE	Extensible Storage Engine
ESF	Eureka Software Factory
ESF	Extended Superframe Format
ESG	Earth System Grid

ESH	End System Hello PDU
ESHG	Elektrische Systemtechnik für Heim und Gebäude
ESI	Electrostatic Interference
ESI	End System Identifier
ESI	Enhanced Serial Interface
ESI	European Software Institute
ESI	External Systems Interface
ESIG	European SMDS Interest Group
ESIS	End System to Intermediate System Protocol (OSI)
ESM	Enterprise Security Manager
ESM	Ethernet Switching Module
ESMR	Enhanced Specialized Mobile Radio
ESMS	European Satellite Multimedia Services
ESMTP	Extended Simple Mail Transfer Protocol (Internet)
ESN	Electronic Serial Number
ESOC	European Space Operation Centre
ESOSL	Endless Snorts Of Stupid Laughter (Slang)
ESP	Early Support Program
ESP	Electronic Shock/Skip Protection
ESP	Encapsulating Security Payload
ESP	Enhanced Serial Port
ESP	Enhanced Service Provider
ESP	Enterprise System Platform
ESP	Eudora Sharing Protocol
ESP	Extended Stack Pointer
ESPRIT	European Strategic Programme for Research in Information Technology
ESR	Equivalent Series Resistance
ESR	Event Service Routine
ESRO	Efficient Short Remote Operations
ESS	Electronic Switching System
ESS	Enterprise Storage Server (IBM)
ESS	Environmental Stress Screening
ESS	Extended Service Set
ESSID	Extended Service Set Identifier
ESTSC	Energy Science + Technology Software Center
ESU	Electrostatic Unit
ESU	Europäische Standardüberweisung (eBanking)
ESUG	European Smalltalk Users Group
ESV	Elektronikschrottverordnung
ETA	Estimated Time of Arrival

ETACS	Extended Total Access Communication System
ETANN	Electrically Trainable Analog Neural Network (Intel)
ETB	End of Transmission Block
ETC	Electronic Toll Collection
ETC	Enhanced Throughput Cellular (modem protocol)
ETD	Estimated Time of Departure
ETDD	Electrical Time Division Demultiplexer/Demultiplexing
ETDM	Electrical Time Division Multiplexer/Multiplexing
ETE	Entry to Exit
ETF	Enriched Text Format
ETFTP	Enhanced Trivial File Transfer Protocol
ETI	Extended Terminal Interface
ETIN	Elektronische Transfer-Identifikations-Nummer
ETL	Extract, Transform, Load
ETM	Exchange Telephone Manager
ETN	Electronic Tandem Network
ETNS	European Telephony Numbering Space
ETOL	Evil Twin On Line (Slang)
ETOM	Electron Trapping Optical Memory
ETOX	EPROM Tunnel Oxide
ETR	Early Token Release
ETRN	Extended Turn (command)
ETS	EIB Tool Software
ETS	Electronic Tracking System
ETS	European Telecommunication Standard
ETSA	European Telecommunication Services Association
ETSI	European Telecommunications Standards Institute
ETX	End of Text
EU	Elektronische Unterschrift
EU	Execution Unit
EUC	End User Computing
EUC	Enhanced/Extended UNIX Code
EUCIP	European Certification of IT Professionals
EUD	Extended U-shape Cell Device
EUDC	End User Defined Character
EUI	End User Interface
EUI	Extended Unique Identifier
EULA	End User License Agreement
EUNET	European UNIX Network
EURID	European Reguistry of Internet Domain Names

EUROPEN	Dachverband europäischer UNIX-Anwendervereinigungen
EUSES	End Users Shaping Effective Software
EUUG	Extragalactic/European Unix User Group
EUV	Extreme Ultra Violet (Lithography)
EV	Etagenverteiler
EV	European Videotelephony
EV	Extended Validation
EVA	Eingabe, Verarbeitung, Ausgabe
EVA	Elektronische Fahrplan- und Verkehrsauskunft
EVA	Elektronischer Verkehrslotse für Autofahrer
EVA	Elektronisches Volltext-Archiv, Karlsruhe
EVA	Empfangs- und Verteilanlage
EVA	Enhanced Video Adapter
EVAS	EDV-gestütztes Vereins-Administrations-System
EVD	Enhanced Versatile Disc
EVE	European Video Telephony
EVE	Exklusiver Verzeichnis-Eintrag (Datex-J)
EVGA	Extended Video Graphics Array/Adapter
EVL	Electronic Visualization Laboratory, Chicago
EVM	Embedded Virtual Machine
EVMS	Enterprise Volume Management System
EVN	Einzelverbindungsnachweis
EVO	Elektro-Schrott-Verordnung
EVP	Enhanced Virus Protection
EVR	Enhanced Video Renderer
EVS	Event Service (OSF)
EVU	Elektrizitäts-/Energieversorgungsunternehmen
EWOS	European Workshop on Open Systems (OSI)
EWS	Employee Written Software (IBM)
EWSD	Elektronisches Wählsystem, digital
EWSM	Elektronisches Wählsystem für MANs
EWSP	Elektronisches Wählsystem für Paketvermittlung
EWTS	Enterprise Web Training System
EXAPT	Extended Subset of APT
EXCA	Exchangeable Card Architecture
EXCH	Exchange
EXFCB	Extended File Control Block
EXIF	Exchangeable Image File Format
EXM	Enterprise Messaging Exchange
EXP	Exponent

EXT	External
EXTRN	External Reference
EXUG	European X User Group
EZV	Elektronischer Zahlungsverkehr
F	Federation, Fernmelde-, Field, File, Francais, Funk
F!FF	Forum Informatiker für Frieden und gesellschaftliche Verantwortung
F2F	Face to Face (Slang)
FA	Fernmeldeamt
FA	For Auction (Slang)
FA	Front End Application
FA	Full Adder, Fermeldeamt, Fernamt
FAB	(Chip) Fabrication Plant
FABS	Fast Access Btree Structure
FAC	Fast Access Channel
FAC	File Access Code
FAC	Final Assembly Code
FACCH	Fast Associated Control Channel
FACL	Full Access Control List
FACS	Fibronics Advanced Cabling System
FACS	Firmware ACPI Control Structure
FACT	Federation Automatic Coding Technologies
FADA	File Access Data Unit
FADC	Fast/Flash Analog to Digital Converter
FADT	Fixed ACPI Description Table
FAE	Field Apllications Engineer
FAF	File Attribute File
FAFWOA	For A Friend Without Access (Slang)
FAG	Fernmeldeanlagengesetz
FAI	Fournisseurs d'Acces Internet
FAI	Fully Automatic Installation
FAID	Flash Authority Identification Data
FAL	File Access Listener
FAM	File Alteration Monitor
FAMOS	Floating Gate Avalanche MOS
FAN	Family Area Network
FAP	File Access Protocol
FAPI	Family Application Program Interface
FAPL	Format and Protocol Language

FAQ	Frequently Asked Questions (Netnews)
FAQ	Fragen, Antworten, Quellen der Erleuchtung (Netnews)
FAQ	Foire Aux Questions (Netnews)
FAQL	FAQ List
FAR	False Acceptance Rate
FARE	Film Automatic Retouching and Enhancement
FARNET	Federation of American Research Networks
FAS	Fahrassistenzsystem
FAS	Frame Alignment Signal
FASC	Future of the Amateur Service Committee
FASIC	Function- and Algorithm-Specific Integrated Circuit
FAST	Fast Access Stationary Tape Guide Transport
FAT	File Allocation Table
FAXT	Far End Crosstalk
FAXTAM	Fax and Telephone Answering Machine
FB	Fiber Backbone
FB	Fine Business (Slang)
FB	Fully Buffered
FBAS	Farb-Bild-Austast-Synchronsignal (RGB-Signal)
FBD	Fully Buffered DIMM
FBE	Free Buffer Enquiry (Arcnet)
FBIS	Foreign Broadcast Information Service
FBLINU	Forum für blinde und sehbehinderte Internetnutzer
FBO	Frame Buffer Object
FBPP	Federal Biometric Protection Profile
FBRM	Fractional Bit Rate Modulation
FBS	Fernbedienungs- und Steuerungssystem
FC	Federal Criteria
FC	Fibre Channel
FC	File Catalogue
FC	Flip Chip
FC	Flow Control
FC	Forward Checking
FC	Frame Control
FCA	Fibre Channel Association
FC-AL	Fiber Channel Arbitrated Loop
FCB	File Control Block
FCB	Future Communications Bus
FCC	Federal Communications Commission, USA
FCC	File Carbon Copy

FCCH	Frequency Correction Channel
FCCSET	Federal Coordination Committee on Science, Engineering and Technology
FCD	Final Committee Draft
FCD	Floating Car Data
FCD	Foundation for Communication for the Disabled
FCFS	First Come First Served
FCI	flux changes per inch
FCIA	Fibre Channel Industry Association
FCIF	Full Common Intermediate Format
FCL	FORTRAN Command Language
FCLC	Fibre Channel Loop Community
FCP	Fibre Channel Protocol
FCPGA	Flip Chip Pin Grid Array
FCRAM	Fast Cycle (Dynamic) Random Access Memory
FCS	Fibre Channel Standard
FCS	First Customer Shipment
FCS	Frame Check Sequence
FCSI	Fiber Channel Systems Initiative
FCT	Fast CMOS Technology
FCT	Firewall Configuration Tool
FCVC	Flow Controlled Virtual Channel
FD	Finite Domain
FD	Floppy Disk
FD	Full Duplex
FDB	Fluid Dynamic Bearing
FDC	Final Committee Draft
FDC	Floppy Disk Controller
FDCC	Formal Definitions of Cultural Conventions
FDD	Feature Driven Development
FDD	Floppy Disk Drive
FDDI	Fiber Digital/Distributed Data Interface
FDDI TP-PMD	FDDI Twisted Pair Physical Layer Medium Dependent
FDDI/UTP	FDDI Unshielded Twisted Pair
FDDT	FDDI Full Duplex Technology
FDE	Full Disc Encryption
FDE	Full Duplex Ethernet
FDES	Full Duplex EtherSwitch
FDF	Forms Data Format
FDFDDI	Full Duplex FDDI
FDFS	File Descriptor File System

FDI	Flash Data Integrator
FDISK	Fixed Disk
FDL	Factory Data Link
FDL	File Definition Language
FDL	(GNU) Free Documentation License
FDM	Flight Dynamic Model
FDM	Frequency Division Multiplexer/Multiplexing
FDMA	Frequency Division Multiple/Multiplex Access
FDOCA	Formatted Data Object Content Architecture
FDP	Form Description Program
FDR	Frame Drop Rate
FDSE	Full Duplex Switched Ethernet
FDSL	Fixed Directory Subscriber List
FDSL	Flexible Digital Subscriber Line
FDT	Formal Description Technique
FDX	Full Duplex (transmission)
FE	Finite Elemente
FE	Focus Error
FE	Format Effektor
FE	Frame/Framing Error
FEA	Fast Ethernet Alliance
FEA	Fractal Element Antenna
FEAL	Fast Data Encipherment Algorithm
FEBE	Far End Block Error
FEC	Fast EtherChannel (Cisco)
FEC	Floating Electrode Capacitor Cell
FEC	Forward Equivalence Class
FEC	Forward Error Correction
FEC	Front End Clipping
FECN	Forward Explicit Congestion Notification
FED	Fachverband Elektronik Design e. V.
FED	Field Emission Device/Display
FEDIS	Finite Element Data Interchange Specification
FEM	Finite-Elemente-Methode
FEP	Firewall Enhancement Protocol
FEP	Front End Processor
FEPIM	Fast Ethernet Port Interface Module
FER	Frame Erasure Rate
FERAM	Ferroelectric Random Access Memory
FERF	Far End Receive Failure

FEST	Finite Element Simulation Technique
FEST	Framework for European Telemedicine
FET	Feldeffekt-Transistor
FEXT	Far End Crosstalk
FF	Fieldbus Foundation
FF	First Fail (Principle)
FF	Flipflop
FF	Form Feed
FFA	Free For All
FFAPI	File Format API
FFDT	FDDI Full Duplex Technology (DEC)
FFGF	File Framework Generator and Formatter
FFI	Foreign Function Interface
FFII	Förderverein für eine Freie Informationelle Infrastruktur
FFM	File-on-File Mounting File System
FFOL	FDDI Follow-On LAN
FFR	For Future Release
FFS	Fast/Flash File System
FFS	Flexibles Fertigungssystem
FFS	For Free Server
FFSN	Fast Flux Service Network
FFT	Fast Fourier Transform/Transformation
FFT	Full Frame Transfer
FFTP	Fast Food Transfer Protocol (Mampfnet)
FG	Feature Group
FG	Foreground
FG	Frame Ground
FGA	Feature Group A
FGB	Feature Group B
FGC	First Global Commerce
FGD	Feature Group D
FGDC	Federal Geographic Data Committee
FGF	Forschungsgemeinschaft Funk
FGS	Fair Group Scheduling
FGV	Fernmeldegebührenvorschriften
FH	Frame Handler
FHS	Filesystem Hierarchy Standard
FHS	For Heaven's Sake (Slang)
FHSS	Frequency Hopping Spread Spectrum
FI	Feature Interaction

FI	Form Interpreter
FI	Full Interchangeability
FIAWOL	Fandom Is A Way Of Life (Slang)
FICON	Fiber Connectivity
FID	File/Format/Frequency Identifier/Identification
FIF	Fachinformation in Fachhochschulen
FIF	Fractal Image Format
FIFF	Forum InformatikerInnen für den Frieden e. V.
FIFO	First In, First Out (Speicher)
FILO	First In, Last Out (Speicher)
FIMS	Forms Integration Management Standard
FINCEN	Financial Crimes Enforcement Network
FINTS	Financial Transaction Services
FIP	File Processor Buffering
FIPR	Foundation of Information Policy Research, UK
FIPS	Federal Information Processing Standard, USA
FIQ	Fast Interrupt Request
FIR	Fast Infrared Communication
FIR	Finite Impulse Response
FIR	Full Intra Request
FIRP	Federal Internetworking Requirements Panel (NIST)
FIRST	Fraunhofer-Institut für Rechnerarchitektur und Softwaretechnik, Berlin
FIRST	Forum of Incident Response and Security Teams
FIS	Financial Information System
FISA	Foreign Intelligence Surveillance Act
FISH	First In, Still Here (Slang)
FISMA	Federal Information Security Management Act, USA
FIT	Fachauschuss für Information und Telekommunikation
FIT	Failures In Time
FIT	Fingerprint Identification Technology
FIT	Fraunhofer-Institut für Angewandte Informationstechnik, Sankt Augustin
FITB	Fill In The Blank (Slang)
FITL	Fiber In The Loop
FITNR	Fixed In The Next Release (Slang)
FITS	Flexible Image Transport System
FITUG	Förderverein Informatik und Gesellschaft e. V.
FIX	Federal Information/Internet Exchange
FIZ	Fachinformationszentrum
FK	Family Key
FKTG	Fernseh- und Kinotechnische Gesellschaft

FL	Fiber Link
FLA	Full Look Ahead
FLAC	Free Lossless Audio Codec
FLAIM	Flexible and Adaptable Information Manager
FLAME	Flexible Application Program Interface for Module-based Environments
FLASK	Flux Advanced Security Kernel
FLBGA	Fine Line Ball Grid Array
FLC	Ferro-electric Liquid Crystal
FLC	First Level Cache
FLI	Font Library
FLIC	FORTRAN Language for Industrial Control
FLIT	Flexowriter Interrogation Tape
FLL	Frequency Locked Loop
FLN	Family Life Network
FLN	Fuzzy Lattice Neurocomputing
FLOF	Full Level One Feature
FLOP	Floating Point Operation
FLOPS	Floating Point Operations per Second
FLOSS	Free/Libre Open Source Software
FLP	Fast Link Pulse
FLT	Fertigungsleittechnik
FLUVIS	Fluid Dynamics Visualization in a Virtual Windtunnel
FM	Facility/Fault/Function Management
FM	Frequenzmodulation, Frequency Modulation
FMA	Fault Management
FMA	Fused Multiply-Add
FMAC	Floating Point Multiply Accumulate
FMC	Fan Monitor Connector
FMC	Flexible Manufacturing Cell
FMC	Flight Management Computer
FMCW	Frequency Modulated Continuous Wave
FMD	Fluorescence Multilayer Disk
FMD	Funkmessdienst
FME	Funkmeldeempfänger
FMEA	Failure Mode and Effects Analysis
FMH	Function Management Header
FMI	Fixed Mobile Integration
FML	Forms Markup Language
FMP	Flow Management Protocol
FMP	Functional Multiprocessor/-processing

FMS	Facility/File/Forms Management System
FMS	Fernmeldesystem
FMS	Fieldbus Message Specification
FMS	Flexible Manufacturing System
FMS	Funkmeldesystem
FMV	Full Motion Video
FN	Fiber Node
FNA	File Name/Attribute Augmentation Facility
FNA	Formerly Known As (Slang)
FNA	Functional Needs Analysis
FNA	Functional Network Architecture
FNC	Federal Networking Council, USA
FNL	Fortran Numerical Library
FO	Fernmeldeordnung
FO	Fiber Optics
FOAF	Friend Of A Friend (Slang)
FOC	Fiber Optic Cable
FOC	Free Of Charge
FOC	Full Operational Capability
FOD	Fax On Demand
FOD	Foreign Object Damage
FOF	Factor Out Failure
FOIA	Freedom Of Information Act, USA
FOIP	Fax Over Internet Protocol
FOIRL	Fiber Optic Inter Repeater Link
FOL	First-Order Logic
FOLDOC	Free On-Line Dictionary Of Computing
FOLED	Flexible Organic Light Emitting Display
FOMA	Freedom Of Multimedia Access
FOMAU	Fiber Optic Medium Attachment Unit
FOOBAR	FTP Operation Over Big Address Records
FORTRAN	Formula Translator
FORTWIHR	Forschungsverbund für technisch-wissenschaftliches Hochleistungsrechnen
FOSDEM	Free and Open Source Developers' European Meeting
FOSI	Formatting Output Specification Instance
FOSS	Free and Open Source Software
FOSSIL	Fido-Opus-Seadog Standard Interface Layer
FOV	Field Of View
FP	Fabri-Perrot (-Laser)
FP	False Positive

FP	Fiber Passive
FP	Fixed Part
FP	Floating Point
FPAD	Field Programmable Address Decoder
FPAL	Field Programmable Array Logic
FPD	Flat Panel Display
FPDP	Front Panel Data Port
FPGA	Field Programmable Gate Array
FPIC	Field Programmable Interconnect Circuit
FPK	Fast Packet Keying
FPLA	Field Programmable Logic Array
FPLD	Field Programmable Logic Device
FPLMTS	Future Public Land Mobile Telecommunications System
FPLS	Field Programmable Logic Sequencer
FPM	Fast Packet Multiplexing
FPM	Fast Page Mode (DRAM)
FPML	Field Programmable Macro Logic
FPO	For Placement Only (image)
FPODA	Fixed Assignment PODA
FPP	Fast Parallel Port
FPP	Fixed Path Control
FPP	Floating Point Processor
FPP	Fraud Prevention Pool
FPP	Full Packaged Product
FPS	Fast Packet Switching
FPS	First Person Shooter
FPS	For Pay Server
FPS	Frames per Second
FPT	Force/Forced Perfect Termination
FPU	File Preparation Unit
FPU	Floating Point Unit
FPX	Flash Pix (Format)
FQDN	Fully Qualified Domain Name (Internet)
FQHN	Fully Qualified Host Name (Internet)
FR	Frame Relay
FRAD	Frame Relay Access Device
FRAD	Frame Relay Assembler/Disassembler
FRAM	Ferroelectric/Ferromagnetic Random Access Memory
FRAP	Frame Relay Access Protocol
FRC	Full Rate Channel

FRC	Functional Redundancy Checking
FRCA	Fast Response Cache Accelerator
FRDS	Failure Resistant Disk System
FRE	Full Regular Expression
FREQNPAV	Frequenznutzungsplanaufstellungsverordnung
FREQNPAVBV	Frequenznutzungsplanaufstellungsverordnungsbeauftragtenversammlung
FRF	Frame Relay Forum
FRICC	Federal Research Internet Coordinating Committee
FRISK	Fri Programvare I Skolen (Norway)
FRMR	Frame Reject (frame)
FRPI	flux reversals per inch
FRR	False Rejection Rate
FRS	Family Radio Service
FRS	Frame Relay Service
FRTS	Future Request To Send
FRU	Field Replaceable Unit
FS	Field/File Separator
FS	File System
FS	Finite State
FS	Font Server
FS	Frame Status
FS	Full Screen
FSA	Finite State Automaton
FSAA	Full-Scene Anti-Aliasing
FSAG	Free Software Association Germany, Frankfurt (M)
FSAN	Full Services Access Network
FSB	Front Side Bus
FSB	Functional System Block
FSC	Fujitsu Siemens Computers
FSCSI	Fast SCSI
FSD	File System Driver
FSE	Freisprecheinrichtung
FSF	Free Software Foundation
FSFE	Free Software Foundation Europe
FSFO	Failsave Failover
FSG	Free Standards Group
FSK	Frequency Shift Keying (Modulation)
FSL	Full Shallow Learning
FSM	Finite State Machine
FSM	Free Space Map

FSM	Freiwillige Selbstkontrolle Multimedia (Diensteanbieter)
FSMO	Flexible Single Master Operation
FSN	File System Navigator
FSN	Full Service Network
FSP	File Service Protocol (Internet)
FSS	Fixed Satellite Services
FST	Freiwillige Selbstkontrolle Telefonmehrwertdienste
FSTP	Fast Spanning Tree Protocol
FSU	Free Software Union
FT	Fast Track
FT	Fault Tolerant
FT	Free Term
FT	Funkentelegraphie
FTA	Final Type Approval
FTAM	File Transfer, Access and Management (OSI)
FTASB	Faster Than A Speeding Bullet (Slang)
FTB	Front To Back Algorithm
FTBS	Failed To Build from Source
FTC	Fax Transfer Centre
FTC	Federal Trade Commission, USA
FTDS	Failure Tolerant Disk System
FTEG	Gesetz über Funkanlagen und Telekommunikationsendeinrichtungen
FTL	Faster Than Light (Slang)
FTLS	Formal Top Level Specification
FTP	File Transfer Protocol (Internet)
FTP	Foiled Twisted Pair
FTPI	Flux Transitions Per Inch
FTPS	File Transfer Protocol over TLS/SSL (Internet)
FTR	Failed To Return
FTR	Fast Token Ring
FTR	Fast Transient Response
FTR	Feature Test Release
FTR	File Typing Rules
FTR	For This Reason (Slang)
FTR	Forget The Rest (Slang)
FTR	Frame Transfer Repring
FTR	Full Test/Text Retrieval
FTRT	Faster Than Real Time (Slang)
FTS	Fahrerlose Transportsysteme
FTS	Fidonet Transport Standard

FTS	File Transfer Service
FTTB	Fiber To The Basement/Building
FTTC	Fiber To The Curb
FTTG	Fiber To The Galaxy
FTTH	Fiber To The Home
FTTL	Fiber To The Loop
FTTN	Fiber To The Neighbourhood
FTZ	Fernmeldetechnisches Zentralamt
FTZ	Forschungs- und Technologie-Zentrum der DBP Telekom
FU	Functional Unit
FUA	Flow Update Acknowledge
FUA	Follow Up Amplifier
FUBAHR	Fouled Up Beyond All Hope of Recognition (Slang)
FUBAR	Fouled Up Beyond All Repair/Recognition (Slang)
FUBB	Fouled Up Beyond Belief (Slang)
FUBS	Fido Used Book Squad
FUD	Fear, Uncertainty, and Disinformation/Doubt (Slang)
FUD	Flussdiagramm (DIN 66 001)
FUE	Forschung und Entwicklung
FUG	Functional Unification Grammar
FUI	Fake User Interface
FUI	File Update Information
FUL	Forschung und Lehre
FUNET	Finnish University and Research Network
FUNI	Frame based/Relay User Network Interface
FUP	Funktionsplan (DIN 40 719)
FURA	Föreningen Umeå Radioamatörer
FUSE	Filesystem in User Space
FUSSP	Final Ultimate Solution of the Spam Problem
FUST	Funkstelle
FÜV	Fernmeldeverkehrs-Überwachungs-Verordnung
FV	Festverbindung
FVD	Finalized Versatile Disc
FVF	Flexible Vertex Format
FVIT	Fachverband Informationstechnik im ZVEI
FVT	Full Video Translation
FVV	Feste virtuelle Verbindung
FW	Firewall
FWA	Fixed Wireless Access
FWEE	Fernwirkendeinrichtung

FWEG	Fernwirkendgerät
FWH	Firmware Hub
FWI	Frequently Wanted Information
FWIW	For What It's Worth (Slang)
FWLST	Fernwirkleitstelle
FWT	Fast Wavelet Transform
FX	File Express
FX	Foreign Exchange (Service)
FXO	Foreign Exchange Office
FXP	File Exchange Protocol (RFC 959)
FXS	Foreign Exchange Station
FXSR	Fast FP/MMX Streaming SIMD Extensions Save/Restore
FXU	Fixed Point Unit
FYA	For Your Amusement (Slang)
FYEO	For Your Eyes Only (Slang)
FYI	For Your Information (Internet)
FZI	Forschungszentrum Informatik, Karlsruhe

G	General, German, Global, Graphic, Ground, Group
G2B	Government To Business
G2C	Government To Citizen
G2G	Government To Government
GA	Globus Alliance
GA	Go Ahead (Slang)
GAAS	Galliumarsenid (GaAs)
GAB	Group Audio Bridging
GABELN	Group Area Brett Echo Liste Netz
GABI	General Application Binary Interface
GABICO	Ganz billiger Computer
GAC	Global Assembly Cache
GAC	Government Advisory Committee
GACP	Gateway Access Control Protocol
GAE	German Application Environment
GAFIA	Get Away From It All (Slang)
GAG	Generic Algorithms for GIMP
GAIN	German Advanced Integrated Network (IBM)
GAK	Government Access to Keys
GAL	Gate/Generic Array Logic
GAL	Get A Life (Slang)

GALA	Geschwindigkeitsabhängige Lautstärkeanhebung
GAMM	Gesellschaft für Angewandte Mathematik und Mechanik
GAMS	Generalized Algebraic Modelling System
GAN	Global/Galactic Area Network
GAP	General/Generic Access Profile
GAP	German Academic Publishers
GARP	Generic Attribute Registration Protocol
GARP	Genetic Algorithm of Rule-Set Production
GARP	Group Address Resolution Protocol
GART	Graphics Address Remapping Table
GART	Graphics Aperture Relocation Table
GAS	Gateway Access Server
GAS	GNU Assembler
GAT	Geek of All Trades (Slang)
GAT	Generic Application Template
GAUDI	Guideline Authoring and Dissemination
GAVDP	Generic Audio Video Distribution Profile
GBB	Generic Blackboard System
GBG	Geschlossene Benutzergruppe (Btx, Datex-J)
GBIC	Gigabit Interface Converter
GBIF	Global Biodiversity Information Facility
GBJ	Graph Based Backjumping
GBN	Global Business Network
GC	Game Computer
GC	Garbage Collection
GC	Global Catalogue
GC	Grid Computing
GCA	Graphic Communications Association, USA
GCAD	Geographical Computer Aided Design System
GCC	Generic Conference Control
GCC	GNU C Compiler (gcc)
GCC	GNU Compiler Collection
GCF	Gatekeeper Confirmation
GCFA	GIAC Certified Forensics Analyst
GCI	General Circuit Interface
GCL	Golden Common LISP
GCN	Global Challenge Network
GCR	Gray Component Replacement
GCR	Group Coded Recording
GCS	Gauss Centre for Supercomputing

GCS	Gauss Centre for Supercomputing
GCS	Geek of Computer Science (Slang)
GCT	Gate Controlled Thyristor
GDA	Gesellschaft für Digitale Archivierungstechnik
GDA	Global Data Area
GDA	Global Directory Agent
GDB	Genome Database
GDDM	Graphics Data Display Manager
GDE	Generic Decryption Engine
GDF	Geographic Data Format
GDI	Graphic Device Interface
GDLM	GFS Distributed Lock Manager
GDMO	Guidelines for the Definition of Managed Objects (OSI)
GDN	Government Data Network (UK)
GDOI	Group Domain Of Interpretation
GDOS	Graphics Device Operating System
GDP	Generalized Drawing Primitive
GDPDU	Grundsätze zum Datenzugriff und zur Prüfbarkeit digitaler Unterlagen
GDPS	Geographically Dispersed Parallel Sysplex (IBM)
GDR	Global Data Router
GDR	Grinning, Ducking and Running (Slang)
GDRVVF	Grinning, Ducking and Running Very, Very Fast (Slang)
GDS	Global Directory Service
GDT	Global Descriptor Table
GDT	Grand Dictionaire Terminologique
GDTRC	Global Descriptor Table Register Cache
GE	Geek of Engineering (Slang)
GE	General Electric Company
GE	Gigabit Ethernet
GE	Graphic Escape
GEA	Gigabit Ethernet Alliance
GEB	Gödel, Escher, Bach
GEC	Green Electronics Council
GECOS	General Electric Comprehensive Operating System
GEDA	GNU Electronic Design Automation
GEDIG	German EDIF Interest Group
GEGL	Generic Graphics Library
GEHR	Good European Health Record
GEIS	General Electric Information Services
GEM	Global Enterprise Management

GEM	Globally Executable MHP
GEM	Graphics Environment Manager
GEMA	Gesellschaft für musikalische Aufführungsrechte
GEMS	Global Enterprise Management of Storage
GEN	Global European Network
GENA	General Event Notification Architecture
GEO	Geostationary Earth Orbit
GEOSAR	Geostationary Search And Rescue
GEP	Good Engineering Practice
GET	Ground Elapsed Time
GEZ	Gebühreneinzugszentrale
GFC	General/Generic Flow Control
GFC	Going For Coffee (Slang)
GFDL	GNU Free Documentation License
GFG	Ganz Freches Grinsen (Slang)
GFG	Gift From God (Slang)
GFR	Guaranteed Frame Rate
GFS	Global/Google File System
GFSK	Gaussian Frequency Shift Keying
GFY	Good For You (Slang)
GFY	Go Find Yourself (Slang)
GG	Gadu-Gadu
GGF	Global Grid Forum
GGI	General/Generic Graphical/Graphics Interface
GGP	Gateway to Gateway Protocol
GGS	Gütegemeinschaft Software e. V., Köln
GGSN	Gateway GPRS Support Node
GHC	Glasgow Haskell Compiler
GHF	Grosshandels-Flatrate
GHN	Get Hold Next
GHT	Geographic Hash Table
GHU	Get Hold Unique
GI	Gesellschaft für Informatik e. V.
GIAC	Global Information Assurance Certification
GIBN	Global Interoperability for Broadband Networks
GID	Group Identifier/Identification
GIF	Graphics Interchange Format
GIFT	GNU Image Finding Tool
GIGO	Garbage In, Garbage/Gospel Out (Slang)
GII	Global Information Infrastructure

GIIS	Grid Index Information Service
GILC	Global Internet Liberty Campaign
GILS	Government Information Locator Service
GILT	Globalization, Internationalization, Localization, Translation
GIMP	GNU Image Manipulation Program
GIMPS	Great Internet Mersenne Prime Search
GIOP	General Inter-ORB Protocol
GIP	Global Internet Project
GIP	GPS/GSM Interworking Profile
GIPS	Giga-Instructions Per Second
GIS	Geographic Information System
GISC	Generic Intelligent System Controller
GIT	GNU Interactive Tools
GIWIST	Gee I Wish I'd Said That (Slang)
GIX	Global Internet Exchange
GK	Gatekeeper
GKMP	Group Key Management Protocol
GKS	Graphical Kernel System
GKV	Geschäftskundenvertrieb (Telekom)
GL	Graphics Language
GLASS	Globally Accessible Services
GLDV	Gesellschaft für Linguistische Datenverarbeitung
GLIN	Global Legal Information Network
GLL	Geographic Position - Latidtude/Longitude (message)
GLONASS	Global Navigation Satellite System
GLP	Government License Program
GLT	Gebäudeleittechnik
GLU	General Logic Unit
GLUE	Global User Environment
GLV	Global Line Vectorization
GLX	OpenGL Extension for the X Window System
GM	General MIDI
GMC	Global Motion Compensation
GMD	Gesellschaft für Mathematik und Datenverarbeitung
GMDS	Global Managed Data Services
GMDSS	Global Maritime Distress and Safety System
GME	Gesellschaft Mikroelektronik im VDE
GMHS	Global Message Handling System
GMII	Gigabit Media Independent Interface
GML	Generalized/Geographic Markup Language

GMM	Gamut Map Model
GMMP	Global Memory, Message Passing
GMP	GNU Multiple Precision Arithmetic Library
GMPLS	Generalized Multi-Protocol Label Switching
GMR	Giant Magneto Resistance/Resistive (Head)
GMRP	GARP Multicast Registration Protocol
GMS	Global Messaging Service (Novell)
GMSC	Gateway Mobile Switching Centre
GMSK	Gaussian Minimum Shift Keying (Modulation)
GMSV	Global Memory, Shared Variables
GMT	Generic Mapping Tools
GMT	Greenwich Mean/Meridian Time
GMX	Global Message Exchange
GN	Group Ad-hoc Network Point
GNA	Globewide Network Academy
GNATS	GNATS's A Tracking System
GND	Ground
GNF	Greibach Normal Form
GNI	Gesellschaft für Angewandte Neuroinformatik
GNI	Grenoble Network Initiative
GNKSA	Good Net-Keeping Seal of Approval
GNN	Global Network Navigator
GNOME	GNU Network Object Model Environment
GNS	Global Name Service
GNS	Global Name Space
GNS	Global Navigation Satellite/System
GNS	Global Network Security/Services/Simulation/Solutions
GNS	GPS Navigation Systems
GNS	Grid Network Service
GNSS	Global Navigation Satellite System
GNU	GNU's Not UNIX
GO	Geek of Other
GOB	Group Of Blocks
GOBS	Grundsätze ordnungsgemässer DV-gestützter Buchführungssysteme
GOC	General Operators Certificate
GOCC	Government Open Code Collaborative
GOD	Global Out Dial
GOEP	Generic Object Exchange Profile
GOES	Geostationary/Geosynchronous Operational/Orbiting Environmental Satellite
GOK	God Only Knows (Slang)

GOL	Game Of Life
GOMS	Goal, Operators, Methods, Selection
GOP	Group Of Pictures
GOS	Global Overseas Service
GOS	Grundsätze ordnungsgemässer Speicherbuchführung
GOSIP	Government OSI Profile
GOSPL	Generalized Open Source Programmable Logic
GOST	Gosudarstvennyy Standart (EASC)
GOT	Global Offset Table
GOUV	Grizzled Old Unix Veteran (Slang)
GOV	Government; Internet-Domain: Behörden in USA
GP	Game Port
GP	Gas Plasma
GP	General Purpose
GP	Green Pages
GPA	GNU Privacy Assistant
GPA	Ground Plane Antenna
GPC	General Purpose Computer
GPF	General Protection Fault/Failure
GPFS	General Parallel File System (IBM)
GPGPU	General Purpose Computation on Graphics Processing Unit
GPI	General Purpose Interface
GPI	Graphics Programming Interface
GPIB	General Purpose Interface Bus
GPIM	Gigabit Interface Module
GPL	General Public License (GNU)
GPL	Graphics Programming Language
GPNV	General Purpose Non-Volatile (Area)
GPON	Gigabit Passive Optical Network
GPP	Generic Packetized Protocol
GPR	Global Position Receiver
GPRS	General Packet Radio Service
GPS	General Problem Solver
GPS	Generalized Processor Sharing
GPS	Global Pizza Service
GPS	Global Positioning Satellite/System
GPS	Graphical Process Statistics
GPSR	Greedy Perimeter Stateless Routing
GPSS	General Purpose Simulation System
GPT	GUID Partition Table

GPU	Graphic/Graphical Processing/Processor Unit
GQL	Graphical Query Language
GQM	Goal, Question, Metric
GQOS	Guaranteed Quality Of Service
GRA	Group Random Access
GRACCE	Grand Challenge Computational Environment
GRAM	Globus Resource Allocation Manager
GRASP	General Robotics, Automation, Sensing and Perception
GRD	Grinning, Running + Ducking (Slang)
GRE	Generic Router/Routing Encapsulation (CISCO)
GRE	Graphics Engine
GREAT	Graphical Environment And Desktop
GREP	Global Regular Expression and Print
GRIB	Gridded Binary (code, data format)
GRID	Global Resource Identifier
GRIO	Guaranteed Input Output Bandwidth
GRIS	Grid Resource Information Service
GRJ	Gatekeeper Reject
GRL	Global Revocation List
GRP	General Registration Protocol
GRQ	Gatekeeper Request
GRS	Generic Record Syntax
GRUB	Grand Unified Bootloader
GS	Geek of Science
GS	Geprüfte Sicherheit (TÜV)
GS	Global Store
GS	Group Separator
GSA	Global Mobile Suppliers Association
GSA	Global Security Architecture
GSE	Graphical Setup Environment
GSF	Ghostscript Font
GSFDL	GNU Simpler Free Documentation License
GSI	Generic Software Interface
GSI	Grid Security Infrastructure
GSID	Global Server Identifier
GSL	GNU Scientific Library
GSL	Graphics Subroutine Library
GSLB	Global Server Load Balancing
GSM	Global Shared Memory
GSM	Global System for Mobile Communications

GSM	Group Speciale Mobile
GSMA	Global Scheduling Multiple Access
GSMP	General/Generic/Global Switch Management Protocol
GSNW	Gateway Services for Netware
GSO	Generic Segmentation Offload
GSO	Geosynchronous Orbit
GSOC	German Space Operations Center
GSR	Gigabit Switching Router
GSS	Generic Security Services
GSS	Group Support System
GSSAPI	Generic Security Service Application Program Interface
GST	Gebäudesystemtechnik
GST	Greedy String Tiling (Algorithm)
GST	Greenwich Sidereal Time
GSTN	General/Global Switched Telephone Network
GSUG	German Smalltalk Users Group
GSX	Graphics System Extension
GT	Global Teach
GT	Globus Toolkit
GT	Group Technology
GTE	Geometry Transfer Engine
GTF	General Timing Formula (VESA)
GTL	Gunning Transceiver Logic
GTLD	Generic Top Level Domain
GTO	Gate Turn Off
GTP	Go Text Protocol
GTR	Grafikfähiger Taschenrechner
GTS	Global Telecommunication System
GTS	Global Time Server/Service
GTT	Global Title Translation
GTUBE	Generic Test for Unsolicited Bulk Email
GU	Gabelumschalter
GU	Geek Undecided
GUD	Grand Unified Debugger
GUI	Graphical User Interface
GUID	Globally Unique Identifier
GUL	Groupe d'Utilisateurs de Linux
GULM	Global Universal Lock Manager
GULM	Grand Unified Lock Manager
GULP	Graph Unification Logic Programming

GUMM	Gurus of UNIX Meeting of Minds
GUN	Gemeinschaft der UNIX-Anwender Niederrhein
GUP	Generic Ultimate Protocol
GURN	GNSS Upper Rhine Graben Network
GUS	Ground Uplink System
GUS	Guide to the Use of Standards (OSI)
GUUG	German/Galactic Unix User Group
GV	Gebäudeverteiler
GV	Gestattungsvertrag
GVBD	Götz-von-Berlichingen-Dämon (Internet)
GVH	Gesamtverzeichnis deutschsprachiger Hochschulschriften
GVIF	Gigabit Video Interface
GVM	Grafik, Visualisierung, Mediadienste
GVN	Global Value Numbering
GVPN	Global Virtual Private Network
GVRP	GARP VLAN Registration Protocol
GVT	Global Virtual Time
GVU	Gesellschaft zur Verfolgung von Urheberrechtsverletzungen
GVU	Graphics Visualization and Usability
GVV	Gewählte virtuelle Verbindung
GW	Gateway
GW	Gleichwelle
GW	Grenzwelle
GWDG	Gesellschaft für Wissenschaftliche Datenverarbeitung Göttingen
GWEN	Ground Wave Emergency Network
GWIA	Groupwise Internet Agent
GWIN	Gigabyte Wissenschafts-Netz, G-WIN
GWL	Gateway Link
GWM	Generic Window Manager
GYM	Google, Yahoo, Microsoft
GZS	Gesellschaft für Zahlungssysteme

H	Hardware, High, Home
H4P	High-Performance Parallel Processor Project
HA	Halbaddierer
HA	Half Adder
HA	High Availability/Aperture
HA	Home Agent/Appliances
HAAPI	Human Authentication Application Program Interface

HAARP	High Frequency Active Auroral Research Program/Project
HAB	Host Adapter Board
HAC	Hierarchical Arc Consistency
HAC	High Availability Cluster
HACMP	High Availability Cluster Management Protocol
HACMP	High Availability Cluster Multi-Processing (IBM)
HACS	Hazard Assessment Computer System
HADA	High Availability Disk Array
HAK	Hugs And Kisses (Slang)
HAL	Hard Array Logic
HAL	Hardware Abstraction Layer
HAL	Heuristically programmed Algorithmic Computer
HAL	House Programmed Array Logic
HAM	Hypertext Abstract Machine
HAND	Have A Nice Day (Slang)
HANFS	Highly Available Network File System
HAP	Host Access Protocol
HAREC	Harmonized Amateur Radio Examination Certificate
HAS	Hauptanschluss
HASP	Houston Automatic Spooling Package/Priority
HB	Home Banking
HBA	Host Bus Adapter
HBC	Home Banking Computer
HBCDC	High Bandwidth Cellular Data Channel
HBCI	Home Banking Computer Interface
HBES	Home and Building Electronic Systems
HBO	Host Byte Order
HBS	Home Bus System
HCA	Heartbeat Collision Avoidance
HCA	Host Channel Adapter
HCCSM	High Performance Common Channel Signalling Modul
HCD	Host Controller Device/Driver
HCF	Halt and Catch Fire (Slang)
HCF	Hybrid Distribution Function
HCI	Host Controller Interface (USB, Firewire, Bluetooth etc.)
HCI	Human Computer Interaction/Interface
HCLP	Hierarchical Constraint Logic Programming
HCMOS	High Speed CMOS
HCN	Hierarchical Cache Network
HCP	Hardware Control Protocol

HCP	Host Configuration Protocol
HCRP	Hardcopy Replacement Profile
HCS	Header Check Sequence
HCT	Hardware Compatibility Test
HCT	Home Communication Terminal
HCVQ	Hierarchical Classified Vector Quantization
HD	Hard Disk
HD	Heavy Duty
HD	High Definition/Density
HD	Hilfskanal Datenleitung
HDA	Head and Disk Assembly
HDA	High Definition Audio
HDAP	High Definition Audio Performance
HDAP	Home Digital Audio Platform
HDB	High Density Bipolar (code)
HDB	HoneyDanBer (P. Honeyman, D. A. Nowitz, B. E. Redman) (uucp)
HDB3	High Density Bipolar Code of Order 3
HDC	Hard Disk Controller
HDC	Hash Distributed Caching
HDCD	High Definition Compatible Digital
HDCD	High Density Compact Disk
HDCP	High Bandwidth Digital Content Protection
HDCP	High Definition Content Protection
HDD	Hard Disk Drive, High Definition Display
HDDVD	High Density Digital Versatile Disc
HDF	HDSL Dual Framer
HDF	Hierarchical Data Format
HDI	Head to Disk Interference
HDL	Hierarchical Design Language
HDLC	High Level Data Link Control (Protocol)
HDM	Hardware Device Module
HDMI	High Definition Multimedia Interface
HDML	Handheld Device Markup Language
HDN	Hochgeschwindigkeits-Datennetz
HDOP	Horizontal Dilution Of Precison
HDPLD	High Density Programmable Logic Device
HDR	HDSL Dual Regenerator
HDR	Header
HDR	High Dynamic Range
HDRI	High Dynamic Range Imaging

HDRR	High Dynamic Range Rendering
HDS	High Definition System
HDSC	High Density Signal Carrier
HDSL	High Bit/Data Rate/Speed Digital Subscriber Line/Link/Loop
HDT	High Definition Telephony
HDTV	High Definition Television
HDW	Hardware
HDX	Half Duplex
HE	Head End
HE	High Efficiency
HE	Höheneinheit (in Racks)
HEA	Health/Higher Education Authority
HEAAC	High Efficiency Advanced Audio Coder/Coding
HEAT	Helpdesk Expert Automation Tool
HEC	Header Error Check/Control
HECTOR	Heterogeneous Computer Together
HEHO	Head End Hop Off
HEL	Hardware Emulation Layer
HEM	Home, Entertainment, Multimedia
HEMP	High-level Entity Management Protocol (Internet)
HEMS	High-level Entity Management System (Internet)
HEMT	High Electron Mobility Transistor
HEN	Home Entertainment Network
HENSA	Higher Education National Software Archive
HEO	Highly Elliptical Orbit
HEP	Heterogenous Element/multi Processor
HEPNET	High Energy Physics Network
HERF	High Energy Radio Frequency
HERT	HERT/Hackers' Emergency Response Team
HES	Home Electronic System (Siemens)
HESSLA	Hacktivismo Enhanced-Source Software License Agreement
HEX	hexadezimal
HF	High Frequency/Functionality
HF	Hochfrequenz
HFC	Hybrid Fiber Coax (Network)
HFD	Hauptanschluss für Direktwahl/Direktruf
HFD	Hot Fix Device
HFEP	Host Front End Protocol
HFM	High Frequency Mode
HFP	Hands Free Profile

HFRG	Gesetz über den Betrieb von Hochfrequenzgeräten
HFS	Hierarchical File System
HFT	High Function Terminal
HFT	Hochschule für Technik, Stuttgart
HGA	Head Gimbal Assembly
HGA	Hercules Graphics Adapter
HGA	High Gain Antenna
HGC	Hercules Graphics Card/Controller
HGML	Hyper Graphics Markup Language
HGZH	Hoffe Geholfen Zu Haben (Slang)
HHI	Heinrich-Hertz-Institut, Berlin
HHOK	Ha Ha Only Kidding (Slang)
HHOS	Ha Ha Only Serious (Slang)
HI	Handover Interface
HID	Human Interface Device (Profile)
HIDS	Host-based/Hybrid Intrusion Detection System
HIFD	High Density Floppy Disk
HIFI	Hypertext Interface For Information
HIL	Hardware In the Loop
HIL	Human Interface Link (HP)
HILI	High Level Interface
HINFO	Host Information (Record)
HIPAA	Health Insurance Portability and Accountability Act, USA
HIPER	High Performance European Radio
HIPPI	High Performance Parallel Interface
HIPS	Host Intrusion Prevention System
HIS	House Information System
HISA	Health Informatics Service Architecture
HISA	Healthcare Information System Architecture
HK	Host Key
HKSCS	Hong Kong Supplementary Character Set
HL	Halbleiter
HL	Hop Level (Flow Control)
HLCO	High Low Close Open
HLDS	Hitachi LG Data Storage
HLL	High Level Language
HLLAPI	HLL Application Program Interface
HLM	Heterogeneous LAN Management
HLQ	High Level Qualifier
HLR	Home Location Register

HLRN	Höchstleistungsrechenzentrum Nord
HLRN	Norddeutscher Verbund für Hoch- und Höchstleistungsrechnen
HLRS	Höchstleistungsrechenzentrum Stuttgart
HLRZ	Hochleistungsrechenzentrum
HLS	Hue, Lightness/Luminance, Saturation (Farbmodell)
HLT	Halt
HM	Hilfskanal Meldeleitung
HMA	High Memory Area
HMA	Hub Management Architecture
HMAC	(keyed) Hash Message Authentication Code
HMC	Hardware Management Console
HMC	Her/His Majesty’s Computer (Fun)
HMD	Head/Helmet Mounted Display
HMI	Horizontal Motion Index
HMI	Human Machine Interface
HMMP	Hypermedia Management Protocol
HMMS	Hypermedia Management Scheme
HMOS	High Density Metal Oxide Semiconductor
HMOS	High Speed Metal Oxide Semiconductor
HMP	Heterogeneous Multi-Processing
HMP	Host Monitoring Protocol
HMUX	Hybrid Multiplexer
HOB	Head Of Bus
HOB	Hierarchical Operational Binding
HOH	HDSL Overhead Bit Handling
HOL	Higher Order Logic
HON	Health On the Net
HOP	Homecast Open Protocol
HOPTE	High Order Path Terminating Equipment
HOS	Health Online Service
HOW	Hand Over Word
HP	Hewlett-Packard
HP	Hochpass
HP	Home Page
HPA	Host Protected Area
HPB	Half Power Bandwidth
HPC	Handheld Personal Computer
HPC	Health Professional Card
HPC	High Performance Cluster/Computing
HPCA	High Performance Computing Act

HPCC	High Performance Computing Challenge
HPCC	High Performance Computing and Communications
HPCI	High Performance Computing Initiative
HPCRC	High Performance Computing Research Center
HPCS	High Performance Communication Server
HPDPS	Hewlett-Packard Distributed Print System
HPDS	High Performance Data System
HPET	High Precision Event Timer
HPF	High Performance FORTRAN
HPFL	Hewlett-Packard Fiber Optic Link
HPFS	High Performance File System (OS/2)
HPGL	Hewlett-Packard Graphics Language
HPI	Host Port Interface
HPIB	Hewlett-Packard Interface Bus
HPL	Home Product Link
HPLIP	Hewlett-Packard Linux Imaging and Printing
HPM	Hardware Performance Monitor
HPM	Hyper Page Mode
HPOFS	High Performance Optical File System
HPPA	Hewlett-Packard Precision Architecture
HPPI	High Performance Parallel Interface
HPPS	Hewlett-Packard Payment Scheme
HPQ	Hewlett-Packard Compaq
HPR	High Performance Routing
HPSB	High Performance Serial Bus (FireWire)
HPSC	High Performance Scientific Computing
HPSL	Hewlett-Packard Support Line
HPSN	High Performance Scalable Networking
HPSS	High Performance Storage System
HPTC3	High Prformance Technical Computing Competence Center
HQ	High Quality
HR	High Reflection (Display)
HR	High Resolution
HRC	Half Rate Channel
HRC	Hybrid Ring Control
HRG	High Resolution Graphics
HRIS	Human Resource Information System
HRM	Hopwise Reliable Multicast
HRMS	Human Resource Management System
HRN	Heterogenes Rechnernetz

HRNG	Hardware Random Number Generator
HRRN	Highest Response Ratio Next
HRS	Hotel Reservation Service
HRT	High Resolution Telemetry
HRTF	Head Related Transfer Function
HRZ	Hochschul-Rechenzentrum
HS	High Speed
HS	Hilfskanal Steuerleitung
HSB	Hue, Saturation, Brightness
HSC	High Speed Channel/Connect
HSCC	Home-based Server-less Cooperative Caching
HSCSD	High Speed Circuit Switched Data
HSD	High Speed Data
HSDN	High Speed Data Network
HSDPA	High Speed Downlink Packet Access
HSDT	High Speed Data Transport
HSI	Hardware-Software-Interface
HSI	Hayes Synchronous Interface
HSI	Hue, Saturation, Intensity
HSIK	How Should I Know (Slang)
HSIM	High Speed Interface Module
HSL	Hierarchical Specific Language
HSLAN	High Speed Local Area Network
HSLFX	Hierarchical Specification Language - Function Extension
HSM	Herzschrittmacher
HSM	Hierarchical Storage Management/Manager
HSMD	High Speed Mobile Data
HSO	Hilfe zur Selbsthilfe für Online-Süchtige e. V.
HSP	Headset Profile
HSP	High Speed Peering
HSP	High Speed Printer/Processor
HSP	High Speed Publishing
HSPA	High Speed Packet Access
HSPI	High Speed Parallel Interface
HSPS	High Speed Peripheral Shelf
HSRP	Hot Standby Router Protocol (Cisco)
HSSDC	High Speed Serial Data Connection/Connector
HSSG	High Speed Study Group
HSSI	High Speed Serial Interface
HST	High Speed Technology/Telegraphy

HSTR	High Speed Token Ring
HSUPA	High Speed Uplink Packet Access
HSV	Hue, Saturation, Value (Farbmodell)
HSYNC	Horizontal Synchronization (signal)
HT	High Tension
HT	Horizontal Tabulator
HT	Hyper Threading
HTA	High Temperature Alarm
HTB	Hierarchical Token Bucket
HTC	High Throughput Cluster
HTCC	High Temperature Cofired Ceramic
HTCP	Hyper Text Caching Protocol
HTFS	High Throughput File System
HTH	Hope This/That Helps (Slang)
HTML	Hypertext Markup Language
HTMPL	Hypertext Markup with Perl Language
HTPC	Home Theatre Personal Computer
HTSI	Host Transport Service Interface
HTT	Hyper-Threading Technology
HTTP	Hyper-Text Transfer Protocol (Internet)
HTTPS	Hyper-Text Transfer Protocol Secure/Security/over TLS/SSL (Internet)
HTX	HTML Extensions
HUC	Handheld and Ubiquitous Computing
HUD	Heads Up Display
HUGO	Holland Users Group for OS/2
HV	High Voltage
HVC	Hue (Farbton), Value (Helligkeit), Chroma (Buntheit)
HVD	High Voltage Differential (SCSI)
HVD	Holographic Versatile Disc
HVM	Hardware Virtual Machine
HVP	Horizontal + Vertical Position
HVT	Hauptverteiler
HVV	Hyperlink Vector Voting
HW	Hardware
HWANS	Hinweisansage
HWCP	Hardware Code Page
HWID	Hardware Identifier
HWMP	Hybrid Wireless Mesh Protocol
HWS	Ham/Haskell Web Server
HWS	Hybrid Wireless Satellite

HYTEA	Hypertext Authoring Environment
I	Ident, Indicator, Information, Integrated, International, Internet
I18N	Internationalization
I2O	Intelligent Input/Output
I3	IMA Interoperability Initiative
I4DL	Interface, Inheritance, Implementation, Installation Definition Language
IA	Identification & Authentication, I&A
IA	Information Appliance
IA	Intelligent Applications
IA	International Alphabet
IA	Interworking Implementation Agreement
IAA	Intel Application Accelerator
IAAS	Institut für Angewandte Analysis und Stochastik, Berlin
IAB	Individual Address Block
IAB	International Academy of Broadcasting
IAB	Internet Activities/Architecture Board
IAB	Internet Advertising Bureau, UK
IAC	In Any Case (Slang)
IAC	Inquiry Access Code
IAC	Interapplication Communication (Apple)
IACK	Information Acknowledgement
IACR	International Association for Cryptologic Research
IAD	Integrated Access Device
IAD	Internet Addiction Disorder
IAE	In Any Event (Slang)
IAE	ISDN Anschalteinheit/Anschlusseinheit
IAEL	International Association of Entertainment Lawyers
IAFA	Internet Anonymous FTP Archive
IAG	Industry Advisory Group (Novell)
IAHC	Internet International Ad Hoc Committee
IAI	Internet Applications Integration
IAL	Intel Architecture Labs
IAL	International Algebraic Language (ALGOL)
IAM	Institute of Computer Science and Applied Mathematics, Bern
IAMCE	ISDN Access Module Control Element
IAMT	Intel Advanced Management Technology
IAN	Integrated Access Node
IANA	Internet Assigned Numbers Authority

IANAL	I Am Not A Lawyer (Slang)
IAOG	International Administrative Management Domains Operators Group
IAP	Internet Access Policy/Provider
IAP	ISDN Access Internetworking Profile
IAR	Institut für Automation und Robotik
IARP	International Amateur Radio Permission
IARP	Inverse Address Resolution Protocol
IARU	International Amateur Radio Union
IAS	Information Access System
IASG	Internet Addiction Support Group
IASNET	Institute for Automated Systems Network
IASS	Internet Alphaserver System Software
IAT	Import Address Table
IATE	Inter Active Terminology for Europe
IAUG	International AIX Users Group
IAX	Inter-Asterisk Exchange Protocol
IB	In Betrieb
IB	Intelligent Backtracking
IBA	Independent Broadcasting Authority
IBA	Intel Boot Agent
IBAC	In Band Adjacent Channel
IBAN	International Bank Account Number
IBC	Illinois Benedictine College (Gutenberg-Projekt)
IBC	Inadequate But Cute (Slang)
IBC	Inter Base Component
IBC	International Broadcasting Convention
IBCN	Integrated Broadband Communication Network
IBCS1	Intel Binary Compatibility Specification Edition 1
IBDWT	Irrational Based Discrete Weighted Transform
IBFD	Interessengemeinschaft Blinder Funkamateure Deutschlands
IBIA	International Biometric Industry Association
IBL	Input Buffer Limit
IBM	International Business Machines (Big Blue)
IBN	International Booking Network
IBO	Inter Base Object
IBOC	In Band On Channel
IBOND	Intelligent Business On Demand
IBP	Institut Blaise Pascal, Universite Pierre et Marie Curie, France
IBS	Integriertes Banken-System
IBS	Intelsat Business Services

IBSS	Independent Basic Service Set
TSF	Timing Synchronization Function
IBT	Internet Based Training
IBTD	I Beg To Differ (Slang)
IBU	Informationsverbund Buchhandel
IBX	Individualized Blackbox Component (Microsoft)
IC	I See (Slang)
IC	In Characters (Slang)
IC	Incoming Call
IC	Information Centre
IC	Input/Integrated Circuit
IC	Instruction Cache
IC	Interexchange Carrier
IC	Interrupt Controller
ICA	Image Component Attribute
ICA	Independent Component Analysis
ICA	Independent Computing Architecture
ICA	Intelligent Channels/Console Architecture
ICA	Intelligent Communication Adapter
ICA	Interface Connector Assembly
ICALP	International Colloquium on Automata, Languages and Programming
ICAM	Integrated Computer Aided Manufacturing
ICAN	Individual Customer Access Network
ICANN	Internet Corporation for Assigned Names and Numbers
ICAO	International Civil Aviation Organization
ICAP	Integrated Computer Aided Production
ICARE	International Council for Amateur Radio in Education
ICAS	Information Communication Assistance System
ICAS	Intel Communicating Applications Specifications
ICB	Interface Control Board
ICBM	Inter-continental Ballistic Messenger
ICC	Integrated Circuit Card
ICC	Intelligent Channel Controller
ICC	International Color Consortium
ICC	International Conference on Communications
ICCB	Internet Control and Configuration Board
ICCC	International Conference on Computer Communications
ICCCM	Interclient Communications Conventions Manual
ICCE	International Conference on Consumer Electronics
ICCHP	International Conference on Computers for Handicapped Persons

ICCS	Integrated Communications Cabling System (Siemens)
ICD	International Code Designator
ICDE	International Conference on Data Engineering
ICE	Image Correction and Enhancement
ICE	In-Circuit Emulator/Emulation
ICE	Information Content Exchange
ICE	Integrated Communication Environment
ICE	Inter Client Exchange (Protocol)
ICF	Interact Communication Facility
ICE	Internal Compiler Error
ICE	Internet Communications Engine
ICF	Internet Connection Firewall
ICG	Inversive Congruential (random number) Generator
ICG	Interface Coordination Group
ICH	I/O Contoller Hub
ICI	Inter/Interexchange Carrier Interface
ICI	Information Science Institute
ICIA	International Communications Industries Association
ICIP	ICI Protocol
ICL	Interface Clear
ICM	Image Color Management/Matching
ICMP	Internet Control Message Protocol
ICN	Information and Communication Network
ICN	Integrated Computing Network
ICO	Information Commissioner’s Office
ICO	Intermediate Circular Orbit
ICOCBW	I Could, Of Course, Be Wrong (Slang)
ICP	Input Control Procedure
ICP	Integrated Channel Processor
ICP	Interconnection Partner
ICP	Internet Cache Protocol
ICP	Internet Content Provider
ICPC	(ACM) International Collegiate Programming Contest
ICQ	I Seek You (Slang)
ICR	Information Collection Request
ICR	Initial Cell Rate
ICR	Intelligent Character Recognition
ICRA	Internet Content Rating Association
ICS	IBM Cabling System
ICS	Integrated Communication Services

ICS	Internet Chess Server
ICS	Internet Connecting/Connection Sharing (Microsoft)
ICS	Intuitive Command Structure
ICSA	International Customer Service Association
ICSTIS	Independent Committee for the Supervision of Standards of Telephone Informatio
ICT	Information and Communication Technology
ICTF	Internet Content Task Force
ICU	ISA Configuration Utility
ICU	Instruction Cache Unit
ICU	International Components for Unicode
ICV	Integrity Check Value
ICX	Inter Cartridge Exchange
ID	Identification, Identifier
ID	Instruction Decode
ID	Internet Draft
ID	Intrusion Detection
IDA	Independent/Intelligent Disk/Drive Array
IDA	Interactive Debugging Aid
IDAPI	Integrated Database Application Programming Interface
IDB	Integrated Database
IDC	I Don't Care (Slang)
IDC	International Data Corporation
IDC	Internet Database Connector
IDC	Item Description Code
IDCT	Inverse Discrete Cosine Tranform/Transformation
IDD	International Direct/Distance Dialling
IDE	Integrated Development Environment
IDE	Integrated Device/Drive Electronics
IDE	Interactive Design and Engineering
IDE	Interface Design Enhancement
IDEA	International Data Encryption Algorithm
IDF	Intel Developer Forum
IDF	Intermediate Distribution Frame
IDF	Inverse Document Frequency
IDI	Initial Domain Identifier
IDI	ISDN Driver Interface
IDK	Interessengemeinschaft Datenkommunikation
IDL	Interactive Data Language
IDL	Interface/Internet Definition Language
IDM	Identity Management

IDM	Improved/Integrated Data Modem
IDM	Intelligent Device Management
IDM	Internet Download Manager
IDMS	Imaging and Document Management System
IDMS	Integrated Database Management System
IDN	Identification Number
IDN	Integriertes Datennetz, Integrated Digital Network
IDN	Internationalized Domain Name
IDP	Initial Domain Part
IDP	Integrated Data Processing
IDP	Internet Datagram Protocol
IDR	Intergalactic Digital Research
IDR	Intermediate Data Rate Service
IDRP	Interdomain Routing Protocol
IDS	Integrated Data System
IDS	Intrusion Detection System
IDSL	ISDN Digital Subscriber Line
IDST	I Didn't Say That (Slang)
IDT	Improved Definition Television
IDT	Interrupt Descriptor Table
IDTRC	Interrupt Descriptor Table Register Cache
IDTS	I Don't Think So (Slang)
IDTV	Improved Definition Television
IDU	Interface Data Unit
IDXP	Intrusion Detection Exchange Protocol
IE	Information Element
IEB	Institute of Electronic Business, Berlin
IEC	Interexchange Carrier
IEC	International Electrotechnical Commission
IEC	International Engineering Consortium
IECC	Intercultural E-mail Classroom Connections
IECQ	IEC Quality Assessment System for Electrical Components
IED	Intelligent Electronic Device
IEEE	Institute of Electrical and Electronics Engineers
IEEE/CS	IEEE Computer Society
IEF	Information Engineering Facility
IEMMC	Internet Electronic Mail Marketing Council
IEMP	Internal Electromagnetic Pulse
IEN	Image Enabled Netware
IEN	Internet Engineering/Experiment/Experimental Note

IEPRC	International Electronic Publishing Research Centre
IES	Information Exchange System
IES	Integrated Election System
IESG	Internet Engineering Steering Group
IET	Image Enhancement Technology
IETF	Internet Engineering Task Force
IETM	Interactive Electronic Technical Manual
IEX	Imaging Extensions for XWS
IF	Intermediate Frequency, Zwischenfrequenz
IFA	Internationale Funkausstellung, Berlin
IFC	Integrated Factory Control
IFC	Industry/Internet Foundation Classes
IFD	Image File Directory
IFD	Interface Device
IFF	Interessengruppe Funkamateure im Fernverkehr
IFF	Interchange File Format (Amiga)
IFF	Internet Fast Forward
IFFT	Inverse Fast Fourier Transformation
IFG	Incoming Fax Gateway
IFG	Informationsfreiheitsgesetz
IFG	Inter Frame Gap
IFIP	International Federation for Information Processing
IFL	Integrated Facility for Linux
IFL	Internet For Learning
IFMP	Ipsilon Flow Management Protocol
IFPI	International Federation of the Phonographic Industry
IFRB	International Frequency Registration Board
IFS	Inter Frame Space
IFS	Installable File System (OS/2)
IFS	Interchange File Separator
IFS	Internal Field Separator
IFU	Instruction Fetch Unit
IFU	Internationale Fernmeldeunion
IFV	Internationaler Fernmeldevertrag
IFVV	Internationale feste virtuelle Verbindungen
IFW	ISDN for Workgroups (Microsoft)
IFWFW	ISDN for Windows for Workgroups (Microsoft)
IG	Interactive Graphics
IG	Interessengemeinschaft, Interest Group
IG	Interior Gateway

IGA	Integrated Graphics Adaptor/Array
IGBT	Insulated/Insulator Gate Bipolar Transistor
IGC	Institute for Global/Galactic Communications
IGC	Integrated Graphics Controller
IGD	(Fraunhofer-)Institut für Grafische Datenverarbeitung, Darmstadt
IGE	(Eidgenössisches) Institut für geistiges Eigentum, Bern
IGES	Initial Graphics Exchange Specification
IGF	Internet Governance Forum
IGIS	Interactive Graphics Information System
IGITT	Interactive Graphics Information Troubleshooting Technology
IGMP	Internet Group Management Protocol
IGN	IBM Global Net
IGP	Interior Gateway Protocol (Internet)
IGRF	International Geomagnetic Reference Field
IGRP	Internet/Interior Gateway Routing Protocol (Cisco)
IGS	Interchange Group Separator
IGS	Internet Go Server
IGTF	Internet Governance Task Force
IH	In House
IHEM	In-House Energy Management
IHL	Internet Header Length
IHS	Integrated Heat Spreader
IIC	Inter Integrated Circuit (Bus)
IID	Interface Identifier
IIF	Image Interchange Facility
III	Institute for Information Industry, Taiwan
IIJ	Internet Initiative Japan
IIL	Integrated Injection Logic
IIM	Identified Internet Mail
IIM	Information Interchange Model
IIOP	Internet Inter-ORB Protocol
IIP	ISDN Intermediate Interworking Profile
IIPS	Irrevocably Interruptible Power Supply
IIR	Immediate Impulse Response
IIRC	If I Remember Correctly (Slang)
IIS	Internet Information Server (Microsoft)
IIS	Internet Integrated Services
IISP	Interim Inter Signalling/Switch Protocol
IITA	Information Infrastructure Technology and Applications
IITF	Information Infrastructure Task Force, USA

IITYWYBMAD	If I Tell You Will You Buy Me Another Drink? (Slang)
IIWM	If It Were Me/Mine (Slang)
IJCAI	International Joint Conference on Artificial Intelligence
IJS	Inkjet Server (HP)
IK-CAPE	Industriekooperation Computer Aided Process Engineering
IKE	Internet Key Exchange (Protocol)
IKMP	Internet Key Management Protocol
IKOE	Institut für Kommunikationsökologie, Hamburg
IKT	Informations- und Kommunikations-Technologie
IL	Idle
IL	Idle Listening
IL	Intermediate Language
ILA	Internet Learning Agent
ILEC	Incumbent Local Exchange Carrier
ILETS	International Law Enforcement Telecommunications Seminar
ILG	Initiated Linux Guru
ILLAB	Ich Liege Lachend Am Boden (Slang), vgl. ROTFL
ILLIAC	Illinois Institute for Advanced Computing
ILLIAC	Illinois Integrator + Automatic Computer
ILM	Industrial Light + Magic, Inc. (G. Lucas)
ILMI	Interim Local Management Interface
ILP	Inductive Logic Programming
ILP	Integer Linear Programming
ILP	Integer, Long, Pointer
ILS	Integrated Logistic Support
ILT	Item Level Tagging
ILVU	Interleaved Video Unit
IM	Information Management/Modeling
IM	Instant Message/Messaging/Messenger
IM	Intermodulation
IM	IPv4 Multicast
IMA	Interactive Multimedia Association
IMA	Internationale Multimedia Akademie (Karlsruhe)
IMA	Inverse Multiplexer for ATM
IMAC	Isochronous MAC (FDDI)
IMACS	International Association for Mathematics and Computers in Simulation
IMAO	In My Arrogant Opinion (Slang)
IMAP	Internet Message Access Protocol
IMBE	Improved Multi-Band Excitation
IMC	Internet Mail Consortium

IMCO	In My Considered Opinion (Slang)
IMDS	Image Data Stream (IBM)
IME	In My Experience (Slang)
IMEI	International Mobile Equipment Identifier/Identity
IMG	Image
IMG	Information Management Group
IMHO	In My Humble Opinion (Slang)
IMI	I Mean It (Slang)
IMI	Internet MSS Interface
IMIMG	ISDN Memorandum of Understanding Implementation Management Group
IMNSCO	In My Not So Considered Opinion (Slang)
IMNSHO	In My Not So Humble Opinion (Slang)
IMO	In My Opinion (Slang)
IMO	International Maritime Organization
IMOBO	In My Own Biased Opinion (Slang)
IMP	Information/Interface Message Processor
IMP	Instant Messaging Protocol
IMP	Internet Messaging Program
IMPA	Intelligent Multi-Port Adaptor
IMPP	Instant Messaging and Presence Protocol
IMPS	Infinite Monkey Protocol Suite
IMQ	Intermediate Queuing (device)
IMR	Internet Monthly Report
IMS	Information Management System
IMS	Integrated Media Service
IMS	Internet Mail Service
IMS	Intermediate Maintenance Standards
IMS	IP Multimedia Subsystem
IMSI	International Mobile Subscriber Identity
IMSL	International Mathematical Subroutine Library (VNI)
IMSP	Independent Manufacturers Support Program
IMSP	Internet Message Support Protocol
IMT	Information Managment Team
IMT	Inter-Machine Trunk
IMT	International Mobile Telecommunications
IMTC	International Multimedia Teleconferencing Consortium
IN	Individual Network e. V.
IN	Input
IN	Intelligentes Netz (Telekom)
INA	Institut National de l’Audiovisuel

INAK	Information Negative Acknowledgement
INAP	Intelligent Network Application Part
INARP	Inverse Address Resolution Protocol
INC	In Chain
INC	Increment
INC	Internet Computer
INCA	Interleaved Native Compiled Architecture
INET	International Networking Conference
INFN	Istituto Nazionale di Fisica Nucleare, Italy
INH	Intelligent Networking Hub
INIS	International Nuclear Information System
INKA	Individual Network Region Karlsruhe
INM	Integrated Network Management
INMARSAT	International Maritime Satellite Organization
INMS	Integrated Network Management Services
INN	International Network News
INOC	Internet Network Operations Center
INPO	In No Particular Order (Slang)
INRIA	Institut National de Recherche en Informatique et en Automatique, France
INS	Input String
INS	Instance Object
INSB	Internet Services for the Blind
INT	Interrupt, Internal, Integer, Interrogative
INTA	International Trademark Association
INTA	Interrupt Acknowledge
INTAP	Interoperability Technology Association for Information Processing, Japan
INTELSAT	International Telecommunications Satellite Organization
INWG	International/Internet Working Group
IO	Input/Output, I/O
IOAPIC	Input Output Advanced Programmable Interrupt Controller
IOAT	Input Output Acceleration Technology
IOC	Initial Operational Capability
IOC	Input Output Controller
IOCS	Input/Output Control System
IOCTL	Input/Output Control
IOD	Information Object Definition
IOD	Intelligence On Demand
IODE	Issue Of Data Ephemeris
IOE	Input Output Engine
IOFEXT	Input Output Far End Crosstalk

IOI	Input Output Interconnect/Interface/Interrupt
IOI	Integrated Operator Interface
IOI	International Olympiad in Informatics
IOMMU	Input Output Memory Management Unit
IONL	Internal Organization of the Network Layer (OSI)
IOP	Input Output Processor
IOP	Internal Operation
IOPL	Input/Output Priviledge Level
IOR	Indian Ocean Region
IOS	Input Output Subsystem
IOS	International Organization for Standardization
IOS	Internetwork Operating System (CISCO)
IOSGA	Input/Output Support Gate Array
IOT	Inter-Office Trunk
IOTA	Islands On The Air
IOTP	Internet Open Trading Protocol
IOW	In Other Words (Slang)
IP	Image Processing
IP	Information Provider
IP	Instruction Pointer
IP	Integer Programming
IP	Intellectual Property
IP	Intelligent Peripheral
IP	Interactive Proof
IP	Internet Protocol (TCP/IP)
IP	Interrupt Process
IPA	Fraunhofer-Institut für Produktionstechnik und Automatisierung
IPA	International Phonetic Alphabet
IPAE	IP Address Encapsulation
IPARS	International Passenger Airline Reservation System
IPAVS	IP-Adressen-Verwaltungs-System
IPC	Instructions Per Clock
IPC	Integrated Passive Component
IPC	Inter Personal Computer
IPC	Interprocess Communication
IPCA	Internet Parallel Computing Archive
IPCI	Industrial PCI
IPCP	Internet Protocol Control Protocol
IPDS	IBM/Intelligent Printer Data Stream
IPES	Improved Proposed Encryption Standard

IPF	Information Presentation Facility
IPG	In Plane Gate Transistor
IPG	Inter Packet Gap
IPI	Image Processing and Interchange
IPI	Intelligent Peripheral Interface
IPI	International Payment Instruction
IPIP	Internet Protocol within Internet Protocol
IPL	Information Processing Language
IPL	Initial Program Loader
IPL	Interrupt Priority Level
IPLS	IP-Only LAN-Like Service
IPM	Intelligent Power Mode/Module/MOS, Interpersonal Message
IPMI	Intelligent Platform Management Interface
IPMP	Intellectual Property Management and Protection
IPMV95	Integrated Packet Trunk Module V.95 Interface
IPNG	Internet Protocol Next Generation (IPv6)
IPNS	ISDN PBX Networking Specification
IPOC	Interim Policy Oversight Committee
IPON	Intelligent Passive Optical Network
IPP	Intel Primitive Performance (Library)
IPP	Internet Presence Provider
IPP	Internet Printing Protocol
IPPV	Impulse/Instant Pay Per View
IPR	Intellectual Property Rights
IPRB	Intellectual Property Review Board
IPS	Image Packaging System
IPS	In Plane Switching (panel)
IPS	inch per second
IPS	Internet Privacy Standard
IPS	Intrusion Prevention System
IPSE	Integrated Project Support Environment
IPSEC	Internet Protocol Security Protocol
IPSI	(Fraunhofer-Institut für) Integrierte Publikations- und Informationssysteme
IPT	Immersive Projection Technology
IPTC	International Press Telecommunications Council
IPTO	Information Processing Techniques/Technology Office
IPTV	Internet Protocol Television
IPU	Imposition Processing Unit
IPV4	Internet Protocol Version 4
IPV6	Internet Protocol Version 6 (= IPng)

IPVR	Inst. für parallele und verteilte Höchstleistungsrechner, Stuttgart
IPW	Incremental Packet Writing
IPX	Internetwork Packet Exchange (Novell)
IPXCP	Internetwork Packet Exchange Control Protocol
IQL	Interactive Query Language
IQMS	Integrated Quality Management System
IR	Information Request/Retrieval
IR	Infrared, Infrarot
IR	Intermediate Representation
IR	Internet Registry
IRAC	Indpendent Review Advisory Committee
IRAF	Image Reduction and Analysis Facility
IRAS	I Really Am Sorry (Slang)
IRAW	Idle Read After Write
IRB	Instruction Recoder Buffer
IRB	Instrumentation Request Broker
IRC	International Record Carrier
IRC	International Reply Coupon
IRC	Internet Relay Chat
IRD	Integrated Receiver Decoder (TV)
IRD	Internet Resource Directory
IRDA	Infrared Data Association
IRDS	Information Resources Dictionary System
IRG	Implicit Regeneration
IRICE	Integrated Remote Interface Control Element
IRIG	Interrange Instrumentation Group
IRIS	Infrastructure for Resilient Internet Systems
IRIS	Intelligent Reference Information System
IRIS	Interregional Information Society Initiative
IRL	In Real Life (Slang)
IRL	Inter Repeater Link
IRLED	Infrared Light Emitting Diode
IRM	Information Rights/Resource Management
IRQ	Information/Interrupt Request
IRR	Information Request Response
IRR	Internet Routing Registry
IRS	Information Retrieval System
IRS	Interchange Record Separator
IRS	Internal Revenue Service
IRS	Intrusion Response System

IRSG	Internet Research Steering Group
IRT	Institut für Rundfunktechnik, München
IRTF	Internet Research Task Force
IRV	International Reference Version
IS	In Service
IS	Information Separator/Sevices/System
IS	Integrated Service
IS	Intensity Stereo
IS	Interactive Service (Telecommunication)
IS	Intermediate System
IS	International Standard (ISO)
IS	Interrupt Status
ISA	Industry Standard Architecture
ISA	Informationssystem Studienwahl und Arbeitsmarkt, Duisburg/Essen
ISA	Instruction Set Architecture
ISA	Integrated Services Architecture
ISA	Interactive Services Association
ISA	Internet Security and Acceleration (Server)
ISAKMP	Internet Security Association Key Management Protocol
ISAM	Index/Indexed Sequential Access Method
ISAPI	Internet Server API
ISBD	International Standard Bibliographic Description
ISBN	International Standard Book Number
ISBT	It's Strange But True (Slang)
ISC	Instruction Set Computer
ISC	Internet Service Center
ISCA	International Symposium on Computer Architecture
ISCB	Interessengemeinschaft sehgeschädigter Computerbenutzer
ISCSI	Internet SCSI
ISD	Image Section Descriptor
ISD	Instructional System Design
ISD	International Standard Data Network
ISDN	Integrated Services Digital Network
ISDN	Isosorbitdinitrat
ISDN	Ist sowas denn nötig? (Slang)
ISFET	Ionensensitiver Feldeffekttransitor
ISFT	Industrial Siemens Flatpanel Technology
ISH	Information Superhighway
ISI	Information Sciences Institute of the University of Southern California
ISI	Information Society Index

ISI	Institute for Scientific Information, USA
ISI	Inter Symbol Interference
ISI	Internally Specified Index
ISIN	International Securities Identification Number
ISIS	Intermediate System to Intermediate System Protocol (OSI)
ISIS	Industrial Signature Interoperability Specification
ISL	Imperceptible Structured Light
ISL	Initial System Loader
ISL	Interactive System Language
ISL	Intersatellite Link
ISM	Industrial, Scientific, Medical (Applications)
ISMA	Internet Streaming Media Alliance
ISMP	Internet Message Support Protocol
ISMS	Information Security Management System
ISN	Internet School/Shopping Networking
ISNS	Internet Storage Naming Service
ISO	International Standardization Organization
ISOC	Internet Society
ISODE	ISO Development Environment (OSI)
ISP	Image Synthesis Processor
ISP	International Standardized Profile
ISP	Internet Service Provider
ISP	Interrupt Stack Pointer
ISP	Interrupt Status Port
ISPBX	ISDN Private Branche Exchange
ISPF	Interactive Structured Programming Facility (IBM)
ISPI	Institut für Integrierte Publikationssysteme, Darmstadt
ISPLSI	in-system-programmable LSI
ISPO	Information Society Project Office
ISQIT	Information Systems Quality Improvement Team
ISR	Information Storage and Retrieval
ISR	Intermediate Session Routing
ISR	Interrupt Service Routine
ISRC	International Standard Recording Code
ISRN	International Standard Recording Number
ISSA	Information Systems Security Association
ISSCC	International Solid State Circuits Conference
ISSE	Information Security Solutions Europe
ISSE	Internet Streaming SIMD Extension
ISSI	Individual Short Subscriber Identity

ISSN	International Standard Serial Number
ISSO	Information System Security Officer
ISSP	Inter-Switch Signalling Protocol
ISSP	Internet Satellite Service Provider
ISSS	IBM Speech Server Services
ISST	(Fraunhofer-)Institut für Software- und Systemtechnik
IST	Information Society Technologies (Programme)
IST	Internet Transaction Server
ISTF	Internet Science and Technology Fair
ISTF	Internet Societal Task Force
ISTM	It Seems To Me (Slang)
ISTO	Information Science and Technology Office
ISTPA	International Security, Trust + Privacy Alliance
ISTR	I Seem To Remember (Slang)
ISU	Industry Solution Unit (IBM)
ISUG	International SGML/XML Users' Group
ISUP	ISDN User Part
ISUS	Information Services and User Support (DFN)
ISV	Independent Software Vendor
ISVR	Intel Smart Video Recorder
ISWIM	If you See What I Mean
ISWL	International Short Wave League
ISWYM	I See What You Mean (Slang)
IT	Information Technology, Informationstechnik
ITA	Intend To Adopt (Debian)
ITA	Interface Test Adapter
ITA	Interim Type Approval
ITA	International Telegraphy Alphabet
ITAA	Information Technology Association of America
ITAC	ISDN Terminal Adapter Circuit
ITB	Information Technology Branch
ITB	Intermediate Text Block
ITC	Independent Television Commission
ITC	IntelliCAD Technology Consortium
ITC	International Telegraph Code
ITE	Informationstechnische Einrichtung
ITE	Internal Terminal Emulator
ITF	Isochronous Transfer
ITG	Informationstechnische Gesellschaft im VDE
ITG	Informationstechnische Grundausbildung

ITHE	International Travel Host Exchange
ITI	Interactive Terminal Interface
ITIF	Information Technology and Innovation Foundation
ITK	Informationstechnik und Telekommunikation
ITLB	Instruction TLB
ITM	Internet Transaction Mix
ITO	Indium Tin Oxide
ITO	Intend To Orphan (Debian)
ITOT	ISO Transport Service on top of TCP
ITP	Intent To Package (Debian)
ITR	Internet Talk Radio
ITRS	International Roadmap for Semiconductors
ITS	Incompatible Time-Sharing System
ITS	Institute for Telecommunication Sciences, USA
ITS	Intelligent Transport System
ITS	International Telecommunications Society
ITS	Internationalization Tag Set
ITS	(NIST) Internet Time Service
ITSEC	Information Technology Security Evaluation Criteria/Certification
ITSEM	Information Technology Security Evaluation Manual
ITSK	IT Sicherheitskriterien (Grünbuch)
ITSO	Information Technology Security Office, Indiana University
ITSP	Internet Telephony Service Provider
ITSTC	Information Technology Steering Committee
ITT	Internet, Television, Telephone
ITT	Invitation To Transmit (Arcnet)
ITU	Intelligent Thermal Update
ITU	International Telecommunication Union
ITUG	International Telecommunications Users' Group
ITV	Interactive Television
ITW	In The Wild
ITX	Intermediate Text Block
IU	Integer Unit
IUG	Informix User Group
IUK	Information und Kommunikation
IUKDG	Informations- und Kommunikationsdienste-Gesetz
IUMA	Internet Underground Music Archive
IUPAP	International Union of Pure and Applied Physics
IUR	International User Requirements
IUS	Interchange Unit Separator

IUTY	It's Up To You (Slang)
IV	Initialisation Vector
IV	Interessenverbund
IVB	Individuelle Verkehrsbeeinflussung
IVBB	Informationsverbund Bonn-Berlin
IVC	Inter-Vehicle Communication
IVCA	International Visual Communication Association
IVDLAN	Integrated Voice and Data Local Area Network
IVHS	Intelligent Vehicle Highway System
IVIS	Interactive Video Information System
IVN	Intervening Network
IVNM	Interessenverband Neue Medien
IVOD	Interactive Video On Demand
IVP	Installation Verification Image
IVR	Interactive Voice Recognition/Response
IVS	IBM Verkabelungssystem
IVS	Interactive Visualization System
IVT	Interrupt Vector Table
IVV	Independent Verification and Validation
IVW	Informationsgemeinschaft zur Feststellung der Verbreitung von Werbeerträgen
IW	Information Warfare
IWBNI	It Would Be Nice If (Slang)
IWF	Impulswahlverfahren (Telefon)
IWU	Interworking Unit
IWV	Impulswahlverfahren
IX	Internet Exchange
IXA	Internet Exchange Architecture
IXC	Interexchange Carrier
IXF	Integrated Exchange Format
IXI	International X.25 Interconnect
IXP	Internet Exchange Point
IYB	In Your Basket (Slang)
IYSWIM	If You See What I Mean (Slang)
IZT	Institut für Zukunftsstudien und Technologiebewertung

J	Java, Japan, Job
J2EE	Java 2 Enterprise Edition
J2SE	Java 2 Standard Edition
JA	Jump Address

JAAS	Java Authentication and Authorization Service
JAD	Joint Application Design
JAE	Java Application Environment
JAM	Just A Minute (Slang)
JAM	Jyacc Application Manager
JANET	Joint Academic Network, England
JAP	Java Anon Proxy
JAR	Java Archive
JASON	Journal Articles Sent On Demand
JAUA	Just Another Useless Answer (Slang)
JAXP	Java API for XML Processing
JBCE	Japan Business Council in Europe
JBCE	JavaBean Calculation Engine
JBD	Journaling Block Device
JBIG	Joint Bilevel Image Group
JBOD	Just a Bunch Of Discs
JCA	Java Connection Architecture
JCALS	Joint Computer Aided Acquisition and Logistic Support System
JCB	Job Conrol Block
JCC	Java Competence Center
JCE	Java Cryptography Extension
JCL	Job Control Language (IBM)
JCP	Java Community Process
JCS	Job Control Statement/System
JCT	Job Control Table
JD	Julian Date/Day
JDB	Java Debugger
JDBC	Java Data Base Connectivity
JDC	Japanese Digital Cellular
JDK	Java Developers/Development Kit
JECC	Japan Electronic Computer Center
JEDEC	Joint Electronic Devices Engineering Council
JEIDA	Japan/Japanese Electronics Industry Development Association
JES	Job Entry Subsystem
JESA	Japan Engineering Standard Association
JESSI	Joint European Submicron Silicon Initiative
JFC	Java Foundation Class
JFET	Johnson/Junction Field Effect Transistor
JFFS	Journalling Flash File System
JFIF	JPEG File Interchange Format

JFS	Journal/Journaled/Journalling/Java File System
JFS	Jumbo Frame Support
JGFET	Junction Gate Field Effect Transistor
JIB	Job Information Block
JIC	Just In Case (Slang)
JICST	Japan Information Center of Science and Technology
JID	Jabber Identifier
JIF	Journal Impact Factor
JIT	Just In Time (Compiler)
JJ	Josephson Junction
JJ	Just Joking (Slang)
JMMD	Jokes Make My Day (Slang)
JMP	Job Monitor Protocol
JMS	Java Messaging Service
JMS	Job Management System
JNDI	Java Naming and Directory Interface
JNDSPI	Java Naming and Directory Service Provider Interface
JNI	Java Native Interface
JOL	Job Orientation Language
JOSS	Joint Object Services Submission
JOTA	Jamboree On The Air
JPDA	Java Platform Debugging Architecture
JPEG	Joint Photographic Experts Group
JPL	Java Perl Lingo
JPL	Jet Propulsion Laboratory, Pasadena, USA
JPL	Jyacc Procedural Language
JRE	Java Runtime Environment
JRTS	Java Real Time System
JSDK	Java Servlet Development Kit
JS	JavaScript
JS	Jumper Setting
JSC	Job Status code
JSF	Jabber Software Foundation
JSGF	Java Speech Grammar Format
JSH	Job control Shell
JSM	Job Stream Manager
JSML	Java Speech Markup Language
JSNM	Just Stark Naked Magic (Slang)
JSP	Jackson Structured Programming
JSP	Java Server Page/Pages

JSQL	Java SQL
JSS	JavaScript Style Sheet
JSSE	Java Secure Socket Extension
JT	Job Table
JTAG	Joint Test Action Group
JTAM	Job and Transfer Manipulation
JTAP	JTC1 TAG Application Portability Study Group
JTAPI	Java Telephony Application Programming Interface
JTC	Joint Technical Committee (ISO/IEC)
JTM	Job Transfer and Management/Manipulation
JTRS	Joint Tactical Radio System, USA
JTS	Java Transaction Service
JUBL	Jülicher BlueGene/L (Supercomputer)
JUD	Jabber User Directory
JUG	Java User Group
JUGD	Java User Group Deutschland
JUGFET	Junction Gate Field Effect Transistor
JUMP	Java User Migration Path
JUNET	Japan/Japanese UNIX Network
JUST	Joint Users of Siemens Telecommunications
JV	Job Variable
JVM	Java Virtual Machine
JVNC	John-von-Neumann (Super-Computer-) Center
JVT	Joint Video Team
JWS	Java Workshop
JXTA	Juxtapose (Sun)

K	Key, Kilo, Kommunikation
K12	Kindergarten through 12th grade, K-12
KA	Kamikaze (packet)
KA	Keine Ahnung (no idea)
KA	Key Account
KA	Knowledge Access/Acquisition/Architecture
KA	Kommunikationsausrüstung
KAD	Knowledge Aided Design
KAD	Kontoauszugsdrucker
KADB	Kernel Assembly Debugger
KADM	Kerberos Administration (server)
KADS	Knowledge Analysis and Design System

KAI	Kurzweil Applied Intelligence
KALUG	Karlsruhe Linux User Group
KAM	Knowledge Aided Manufacturing
KAOS	Kent Applicative Operating System
KAP	Kernel Andorra Prolog
KAPSE	Kernel Ada Program Support Environment
KAS	Kerberos Authentication Server
KB	Keyboard
KB	Kilobyte
KB	Knowledge Base
KBE	Knowledge Based Engineering
KBPS	Kilobit/byte per second
KBS	Knowledge Based System
KC	Kids' Computer
KCC	Keyboard Communications Concentrator
KCD	Kernel Cousin Debian
KCL	Kyoto Common Lisp
KCP	Kernel Control Path
KCS	Kansas City Standard
KD	Knowledge Discovery
KDC	Key Distribution Center
KDD	Knowledge Discovery in Databases
KDE	KDE Desktop Environment
KDF	Knowledge Discovery Framework
KDS	Knowledge Discovery System
KDS	Kommunikationsdatensatz
KDT	Key Definition Table
KE	Knowledge Economy
KEA	Key Exchange Algorithm
KED	Kundenenddokumentation
KES	Key Escrow System
KEWL	Knowledge Environment for Web-based Learning
KF	Knopflerfish
KGI	Kernel Graphics Interface
KHM	Kunsthochschule für Medien, Köln
KI	Künstliche Intelligenz
KIBO	Knowledge In, Bullshit Out (Slang)
KIK	Kommunaler Info-Kanal
KIS	Kernel Information/Intrusion System
KIS	Knowbot Information Service

KISS	Keep It Simple/Small and Stupid/Simple
KIT	Kernel Software for Intelligent Terminals
KJM	Kommission für Jugendmedienschutz
KK	Konnektivitäts-Koordination
KLNG	Knowledge-supported Line Network Global (Vectorization)
KLO	Knowledge Level Object
KLOC	Kilo Lines Of Code
KM	Knowledge Management/Mismanagement
KMMT	Kompetenzzentrum Multimedia und Telematik, Tübingen
KMS	Key Management Server
KMS	Knowledge Management System
KMU	Kleine und Mittlere Unternehmen
KNAS	Kerberos Network Authentication Service
KNF	Konjunktive Normalform
KNI	Katmai New Instructions
KOALA	Konstanzer Ausleih- und Anfragesystem
KOP	Kontaktplan (DIN 19 239)
KPA	Key Process Area
KPI	Key Performance Indicator
KQML	Knowledge Query and Manipulation Language
KOS	Keep On Smiling (Slang)
KOS	Kernel/Kohler Operating System
KOS	Key Object Selection
KR	Knowledge Representation
K&R	Kernighan + Ritchie
KRC	Kent Recursive Calculator
KRITIS	(Arbeitsgruppe) Kritische Infrastrukturen
KRS	Knowledge Retrieval System, Kernighan + Ritchie Standard
KS	Session Key
KSAM	Keyed Sequential Access Method
KSK	Key Signing Key
KSR	Keyboard Send Receive
KT	Kommunikationstechnik
KTA	Korean Telecommunication Authority
KTK	Kommission für den Ausbau des technischen Kommunikationssystems
KU	Unit Key
KÜFUST	Küstenfunkstelle
KUUG	Karlsruher UNIX User Group
KV	Kabelverzweiger, Karnaugh Veitch (Diagramm)
KVM	Kernel-based Virtual Machine

KVM	Keyboard, Video, Mouse
KVNO	Key Version Number
KVP	Kontinuierlicher Verbesserungsprozess
KVZ	Kabelverzweiger
KW	Kurzwelle, Kurzwahl
KWIM	Know What I Mean? (Slang)
KWIPS	Kilo Whetstones Per Second
KZK	Klasse - Zuständigkeit - Kooperation
KZU	Kennzeichenumsetzer

L	Line, Link, Linux, Local, Logic, Low
L2CAP	Logical Link and Control Adaptation Protocol
L2F	Layer 2 Forwarding
L2TP	Layer 2 Tunneling Protocol
LA	LAN Analyzer
LA	License Application
LA	License/Licensing Administration/Administrator
LA	Location Area
LA	Logical Address
LAA	Locally Administered Address
LAB	Logic Array Block
LABNET	Laboratory Broadband Network
LAC	L2TP Access Controller
LACC	Los Alamos Computer Code
LACP	Link Aggregation Control Protocol
LAD	Leistungsanschlusseinheit, digital
LADDR	Layered Device Driver Architecture
LADE	Language Definition Environment
LADSPA	Linux Audio Developer's Simple Plug-in API
LADT	Local Area Data Transport
LAES	Lawfully Authorized Electronic Surveillance
LAF	Look And Feel (L&F)
LAG	Link Aggregate Group
LAI	LAN Automatic Inventory
LAI	Location Area Identity
LAICS	Los Alamos Integrated Communications System
LALL	Longest Allowed Lobe Length
LALR	Lexically Assign, Logically Refine
LALR	Look Ahead Left Right

LAM	Lobe Attachment Unit
LAM	Local Area Multicomputer
LAMPS	Linux, Apache, MySQL, PHP, SSL
LAN	Local Area Network
LANANA	Linux Assigned Names And Numbers Authority
LANC	Local Application Control Bus System
LANC	Local Area Network Control (Sony)
LANDSAT	Land-use Satellite
LANE	Local Area Network Emulation/Emulator
LANL	Los Alamos National Laboratory, USA
LANUG	Los Alamos NeXT Users Group
LAP	Link Access Profile/Protocol/Procedure
LAP	Lower Address Part (Bluetooth)
LAPB	Link Access Procedure for Balanced Mode
LAPD	Link Access Procedure for the D-Channel
LAPF	Link Access Procedure Framed Mode
LAPF	Link Access Protocol for Frame Mode Bearer Services
LAPIC	Local Advanced Programmable Interrupt Controller
LAPM	Link Access Protocol for Modems
LAPS	Local Area Network Adapter and Protocol Support (IBM)
LAR	Load Access Right
LARC	Livermore Automatic Research Computer
LARP	Live Action Role Playing
LARS	Linux Accessibility Resource Site
LART	Loser/Luser Attitude Readjustment Tool
LAS	Library Access System
LASER	Light Amplification by Stimulated Emission of Radiation
LASIC	Laser Application Specific Integrated Circuit
LAST	Local Area Storage Transport (DEC)
LAT	Local Area Transport (DEC)
LATA	Local Access and Transmit/Transport Area
LATM	LPI Approved Training Materials
LAU	Lobe Access Unit
LAVC	Local Area VAX Cluster
LAVMS	Los Alamos Voice Messaging System
LAWN	Local Area Wireless Network
LBA	Linear Beschränkter Automat
LBA	Logical Block Addressing
LBB	Logic Building Block
LBC	Local Bus Controller

LBM	Local Bus Master
LBRV	Low Bit Rate Voice
LBS	Location Based Services
LBT	Listen Before Talk
LBT	Local Bus Target
LBV	Leistungsbedarfsvorhersage
LBX	Low Bandwidth X
LC	Late Counter
LC	Library of Congress, USA
LC	Liquid Crystal
LC	Live Camera
LC	Local Changes/Control
LC	Low Complexity
LC	Lower Case
LCA	Logic Cell Array
LCA	Losely Coupled Architecture
LCC	Linux Core Consortium
LCCM	LAN Client Control Manager
LCD	Liquid Crystal Device/Display
LCF	LAN Configuration Facility
LCF	Lightweight Client Framework
LCF	Location Confirmation
LCF	Logic for Computable Functions
LCF	Low Cost Fiber
LCG	Large Hadron Collider Computing Grid, CERN, Genf
LCG	Linear Congruential (random number) Generator
LCHU	Low Cost Home User
LCI	Life Cycle Integration
LCI	Logical Channel Indentifier
LCIM	Life Cycle Information Management
LCL	Local Clock
LCM	LEAF Creation Method
LCM	Life Cycle Management
LCN	Local Control Network
LCN	Logical Channel Number
LCOM	Lack of Cohesion in Methods
LCOS	Liquid Crystal On Silicon
LCP	Link Control Protocol (Internet)
LCR	Least/Low Cost Router/Routing
LCRD	Low Cost Removable Drive

LCS	Linux Compatibility Standard
LCS	Liquid Cooling System
LCS	Liquid Crystal Shutter
LCSC	Local Carrier Service Center
LCSH	Library of Congress Subject Headings
LCU	Last Cluster Used
LD	Long Distance
LD	Low Delay
LDA	Local Delivery Agent
LDA	Logical Device Address
LDAP	Lightweight Directory Access Protocol
LDCM	LAN Desk Client Manager (Intel)
LDF	Linear Display File
LDG	Los Alamos Debugger
LDIF	LDAP Data Interchange Format
LDIP	Laboratory Data Integrity Program
LDLN	Long Distance Learning Network
LDM	Long Distance Modem
LDN	Linux Standard Base Developer Network
LDP	Label Distribution Protocol
LDP	(The) Linux Documentation Project
LDP	Loader Debugger Protocol
LDR	Light Dependent Resistor
LDR	Long Distance Relationship
LDRI	Low Dynamic Range Image
LDS	Landesamt für Datenverarbeitung und Statistik
LDS	Logical Data Structure
LDS	Lotus Discovery Server
LDSG	Landesdatenschutzgesetz
LDSL	Low Speed ISDN Digital Subscriber Line
LDSS	Low-dimensional Semiconductor Structure
LDT	Lightning Data Transport
LDT	Local Descriptor Table
LDTR	Load Descriptor Table Register
LDTRC	Load Descriptor Table Register Cache
LDTV	Limited Definition Television
LDUP	LDAP Duplication and Update (Protocol)
LE	Light/Limited Edition
LE	Link Encapsulation
LE	Logical Element/Extent

LEA	Law Enforcement Agency
LEAF	Large Effective Area Fiber
LEAF	Law Enforcement Access Field
LEAP	Lightweight Extensible Authentication Protocol
LEARP	LAN Emulation Address Resolution Protocol
LEC	LAN Emulation Client
LEC	Local Exchange Carrier
LECS	LAN Emulation Client/Configuration Server/Service
LED	Light Emitting Diode
LEF	Library Exchange Format
LEL	Link Embedded and Launch-to-edit
LEM	Language Extension Module
LEM	Link Error Monitor
LEMF	Law Enforcement Monitoring Facility
LEMP	Lightning Electromagnetic Pulse
LEN	Low Entry Networking/Node
LEO	Link Everything Online
LEO	Low Earth Orbit/Orbiting
LEOSAR	Low Earth Orbit Search And Rescue
LEP	Light Emitting Polymer
LEPS	Lancom Enhanced Passphrase Security
LER	Light Emitting Resistor
LES	LAN Emulation Server/Service
LES	Land-Erdfunkstelle
LESC	London E-Science Center
LF	Lifetime Failure
LF	Line Feed
LF	Login Facility
LF	Low Frequency
LFA	Log File Analysis
LFAP	Lightweight Flow Admission Protocol
LFF	Large Form Factor
LFI	Last File Indicator
LFK	Landesanstalt für Kommunikation
LFM	Low Frequency Mode
LFN	Logical File Name
LFN	Long File Names
LFO	Low Frequency Oscillator
LFP	Large Format Printing
LFS	Large File Support

LFS	Linux From Scratch
LFS	Linux Log File System
LFS	Local File System
LFS	Log-structured File System
LFSA	List of Frequently Seen Acronyms
LFSR	Linear Feedback Shift Register
LFU	Least Frequently Used
LGA	Low Gain Antenna
LGFT	Lie Group Fourier Transform
LGMR	Laser Guided Magnetical Recording
LGN	Logical Group Node
LGPL	Library/Lesser General Public License (GNU)
LH	Link Header
LHS	Left Hand Side
LI	Lawful Interception
LI	Length Indication
LIC	Logical Link Control
LICS	Lotus International Character Set
LID	Logical Input Device
LIDAR	Light Detection And Ranging
LIDS	Linux Intrusion Detection System
LIEP	Large Internet Exchange Packet (Novell)
LIF	Low Insertion Force
LIFE	Laboratory of International Fuzzy Engineering
LIFO	Last In, First Out (Speicher)
LII	Linux Internationalisation Inititative
LILO	Last In, Last Out (Speicher)
LIM	Light Intensity Modulation
LIM	Load Information Manager
LIM	Lotus, Intel, Microsoft
LIMB	Listing of Molecular Biology Databases
LIMDOW	Laser Intensity Modulation Direct Overwrite
LIMS	Laboratory/Library Information Management System
LIN	Local Interconnect Network
LINFO	The Linux Information Project
LINQ	Language Integrated Query
LINX	London Internet Exchange
LIP	Large Internet Packet
LIP	Line Interconnection Point
LIP	Loop Initialization Protocol

LIPS	Lightweight Internet Person Schema
LIPS	Logical Inferences/Instructions Per Second
LIPX	Large Internet Packet Exchange
LIR	Library of International Relations
LIR	Line Reference
LIR	Local Internet Registry
LIRA	Learning Information Retrieval Agent
LIRC	Linux Infrared Remote Control
LIS	Logical IP Subnetwork
LISA	Localization Industry Standards Association
LISP	List Processing (Language/Program)
LISP	Lots of Irritating Superfluous Parentheses
LITA	Library and Information Technology Association, USA
LIVE	Linux Verband e. V., Frickenhausen
LK	Linienkoppler
LKCD	Linux Kernel Crash Dump
LKM	Loadable Kernel Module
LKML	Linux Kernel Mailing List
LKP	Local Knowledge Pool
LKS	Loadable Kernel Server
LL	Leased Line
LL	Local Loopback
LLA	Latitude, Longitude, Altitude
LLA	Link Level Access
LLC	Logical Link Control
LLC	Low Layer Compatibility
LLC2	Logical Link Control Class 2
LLF	Least Laxity First
LLF	Low Level Format
LLG	Lesser Linux God
LLH	Logical Link Header
LLNL	Lawrence Livermoore National Laboratory, USA
LLOC	Lines Of Code
LLP	Link Layer Protocol
LLP	Live Long and Prosper (Slang)
LLR	Least-Loaded Route
LLS	Linear Least Squares
LLTA	Lots and Lots of Thundering Applause (Slang)
LLU	Link Local Use
LMAO	Laughing My Ass Off (Slang)

LMB	Line Mode Browser
LMB	Local Master Browser
LMBCS	Lotus Multibyte Character Set
LMDO	Laughing My Diaper Off (Slang)
LMDS	Local Multipoint Distribution Service
LME	Layer Management Entity
LMF	Local Media Format
LMF	Logical Mainframe
LMI	Local Management Interface
LMK	Langwelle, Mittelwelle, Kurzwelle
LMOS	Loop Maintenace Operations System
LMP	Layer Management Protocol
LMP	Link Manager/Management Protocol
LMR	Land Mobile Radio
LMS	Laser Magnetic Storage
LMS	Learning Management System
LMS	License Management Service (OSF)
LMSC	LAN/MAN Standards Committee (IEEE)
LMTP	Local Mail Transfer Protocol
LMU	Logical Network Management Unit
LN	Logical Network
LNA	Low Noise Amplifier
LNAI	Lecture Notes in Artificial Intelligence
LNB	Low Noise Block Converter
LNC	Low Noise Converter
LNCS	Lecture Notes in Computer Science
LNG	Line Network Global (Vectorization)
LNI	Lecture Notes of Informatics
LNOV	Line Network Orientied Vectorization
LNP	Local Network Protocol
LNS	L2TP Network Server
LO	Local Oscillator
LOA	Letter Of Assurance
LOAF	Linux On A Floppy
LOB	Large Object
LOC	Library Of Congress, USA
LOC	Line(s) Of Code
LOC	Loop On-Line Control
LOCIS	Library Of Congress Information System, USA
LOD	Level Of Detail

LOF	List Of Figures
LOF	Loss of Frame
LOI	Letter Of Intent
LOL	Laughing Out Loud (Slang)
LOL	List Of Lists
LOL	Lots Of Luck (Slang)
LOM	LAN On Mainboard/Motherboard
LOM	Learning Object Metadata
LON	Local Operating Network
LOOPS	LISP Object Oriented Programming System
LOP	Logikplan (DIN 19 239/40 719)
LOP	Loss of Pointer/Power
LORAN	Long Range Aid to Navigators
LORE	Line Oriented Editor
LOS	Line Of Sight
LOS	Loss Of Signal
LOT	List Of Tables
LOWFER	Low Frequency Experimental Radio
LP	Line Printer
LP	Linear/Logic Programming
LP	Logical Partition
LP	Long Play
LP	Low Power/Profile
LPA	Logarithmic Periodical Antenna
LPAC	Lossless Predictive Audio Compression
LPB	Local Peripheral Bus
LPC	Linear Predictive Coding
LPC	Local Procedure Call
LPC	Low Pin Count (Interface)
LPD	Landespostdirektion
LPD	Line Printer Daemon (UNIX)
LPD	Low Power Device
LPI	lines per inch
LPI	Linux Professional Institute
LPI	Lower Prediction Interval
LPIC	Linux Professional Institute Certification
LPL	Lotus Programming Language
LPM	lines per minute
LPM	Low Power Mode
LPN	Logical Page Number

LPO	Logical Post Office
LPP	Licensed Program Product
LPPB	Land Pre Pit Level before Recording
LPPL	LaTeX Project Public License
LPQ	Line Printer Queue
LPRS	Low Power Radio Service
LPS	lines per second
LPS	Low Power Schottky (Semiconductor)
LPT	Line Printer
LPTF	Laboratoire Primaire du Temps et des Frequences
LPTS	Low Power Time Source
LQ	Letter Quality
LQM	Link Quality Monitoring
LQR	Link Quality Report
LRC	Local Register Cache
LRC	Longitudinal Redundancy Check
LRE	Left to Right Embedding
LRE	Limited Regular Expression
LRE	Long Reach Ethernet
LRI	Least Recently Loaded
LRJ	Location Reject
LRP	Linux Router Project
LRPC	Lightweight Remote Procedure Call
LRQ	Location Request
LRU	Least Recently Used
LRU	Lowest Replaceable Unit
LRZ	Leibniz-Rechenzentrum München
LS	Location Services
LSA	Line Sharing Adapter
LSA	Local Security Authority
LSA	Link State Algorithm/Advertisement
LSA	lötfrei – schraubfrei – abisolierfrei
LSB	Least Significant Bit
LSB	Linux Standard Base
LSB	Lower Side Band
LSC	Least Significant Character
LSC	Live Sequence Chart
LSCD	Licensed Status Confirmation Document
LSD	Least Significant Digit
LSDV	Link Segment Delay Value

LSF	Load Sharing Facility
LSF	Log Structured File (Array)
LSI	Large Scale Integration
LSID	Local Session Identifier
LSL	Link Support Layer
LSM	Linux Security Module
LSM	Linux Software Map
LSM	Logical Storage Manager
LSO	Linux Standards Organization
LSP	Link State Packet/PDU
LSP	Linux Support Package
LSP	Local Support Provider
LSR	Label/Load Switch/Switched/Switching Router
LSR	Least Squares Regression
LSR	Link State Request/Routing
LSR	Linux Software Resources/Review
LSR	Load Shifting Resistor
LSR	Local Service Request
LSR	Logical Shift Right
LSR	Logical Storage Resource
LSR	Loose Source Route
LST	Linux Support Team
LSV	Low Speed Variant
LSX	Lotus Script Extensions
LSZ	Leitungschlüsselzahl
LSZH	Low Smoke Zero Halogen (Kabel)
LT	LaGrande Technology
LT	Lease Time
LT	Link Trailer
LTA	Laptop Access
LTCC	Low Temperature Cofired Ceramic
LTDC	Long Term Data Collection
LTE	Long Term Evolution
LTI	Laser Thermal Imaging
LTI	Linear Time Invariant (system)
LTM	Long Term Memory
LTNS	Long Time No See (Slang)
LTO	Linear Tape Open
LTP	Linux Test Project
LTP	Long Term Plan/Prediction/Program

LTPS	Low Temperature Polysilicon
LTS	Local Time Server/Service
LTS	Long Term Support
LTSC	Learning Technology Standards Committee
LTSP	Linux Terminal Server Project
LTV	Light To Voltage
LU	Logical Unit
LUA	Limited User Account
LUB	Least Upper Bound
LUF	Lowest Usable Frequency
LUFS	Linux Userland File System
LUG	Linux/Local User Group
LUI	Live User Interface
LUKS	Linux Unified Key Setup
LUM	Linux User Management
LUN	Logical Unit Number
LUNI	LAN Emulation User Network Interface
LUP	Language Upgrade
LUT	Local User Terminal
LUT	Look Up Table
LUUG	Lunar UNIX Users Group
LV	Logical Volume
LV	Low Voltage
LVD	Low Voltage Differential (SCSI)
LVDS	Low Voltage Differential Sensing/Signal/Signalling/SCSI/Swing
LVM	Logical Volume Manager
LVN	Landesverwaltungsnetz Baden-Württemberg
LVS	Linux Virtual Server
LW	Langwelle, Long Wave
LW	Long Wire Antenna
LWAPP	Lightweight Access Point Protocol
LWC	Lift Window Control
LWDMO	Lead Writing Device - Manual Option (vulgo Bleistift)
LWDRM	Light Weight Digital Rights Management
LWE	Linux World Conference + Expo
LWIR	Long Wave Infrared
LWL	Lichtwellenleiter
LWL	Long Wave Laser
LWN	Linux Weekly News
LWP	Lightweight Process

LWX	LAN WAN Exchange
LZ	Leerzeichen (space)
LZH	Lempel, Ziv, Huffman (Algorithm)
LZMA	Lempel, Ziv, Markow Algorithm
LZSS	Lempel, Ziv, Storer, Szymanski (Algorithm)
LZW	Lempel, Ziv, Welch (Algorithm)

M	Manage, Memory, Message, Mobile, Mode, Multi
M	Meldeleitung
M2FM	Modified Double Frequency Modulation
M2M	Machine To Machine
MA	Management Agent
MA	Master
MAB	Maschinelles Austauschformat für Bibliotheken
MABI	Macintosh Application Binary Interface
MAC	Machine Aided Cognition
MAC	Mainframe Attachment Controller
MAC	Maintaining Arc Consistency
MAC	Mandatory/Medium/Media/Memory Access Control/Controller
MAC	Membership Advisory Committee
MAC	Message Authentication Check/Code
MAC	Multi Access Computer
MAC	Multiplexed Analogue Components
MAC	Multiply Accumulate/Accumulator (Command, Unit)
MACE	Middleware Architectural Committee for Education
MACF	Mandatory Access Control Framework
MACP	Motion Adaptive Color Plus
MACS	Mixed Aloha Carrier Sense
MACS	Modem Access Control System
MACUL	Michigan Association of Computer Users in Learning
MADCAP	Multicast Address Dynamic Client Allocation Protocol
MADSL	Margin Adaptive Digital Subscriber Line
MAE	Macintosh Application Environment
MAE	Metropolitan Area Exchange
MAF	Mozilla Archive Format
MAGRAM	Magnetic Random Access Memory
MAN	Manchester (Coding)
MAN	Metropolitan Area Network
MANET	Mobile Adhoc Network

MANIAC	Mathematical Analyzer, Numerical Integrator, and Computer
MAP	Maintenance Analysis Procedure
MAP	Manufacturing Automation Protocol
MAP	Manufacturing Package
MAP	Mesh Access Point
MAP	Message Access Protocol
MAP	Mobile Application Part
MAPI	Mail/Message/Messaging Application Programmer/Programming Interface
MAPICS	Manufacturing, Accounting and Production Information Control System (IBM
MAPS	Mail Abuse Prevention System
MAPTOP	MAP Technical Office Protocol
MAR	Memory Address Register
MARBI	Machine-Readable Bibliographic Information (Committee)
MARC	Machine-Readable Cataloging/Code
MARID	MTA Authorization Records In DNS
MARP	Multi LAN Address Resolution Protocol
MARPA	Mini Automatic Radar Plotting Aid
MARS	Message Archiving and Retrieval Service
MARS	Military Affiliate Radio System
MARS	Multicast Address Resolution Server
MAS	Microsoft Anti-Spyware
MAS	Multi Agent System
MASC	Multicast Address-Set Claim (Protocol)
MASER	Microwave Amplification by Stimulated Emission of Radiation
MASI	(Laboratoire de) Modelisation et d’Architecture des Systemes Informatiques
MASM	Macro Assembler (Microsoft)
MASS	Mass Storage System
MASS	Message Authentication Signature Standard
MATIP	Mapping of Airline Traffic over Internet Protocol
MATRIX	Multistate Anti-Terrorism Information Exchange
MAU	Medium Attachment Unit (Ethernet)
MAU	Multi Station Access Unit
MAVT	Mobile Audio Visual Terminal
MAZ	Magnetbildaufzeichnung
MB	Macro Block
MB	Megabyte/Multi Byte
MBA	Macroblock Address
MBA	Managed (PC) Boot Agent
MBC	Multi Bit Cell
MBCS	Multibyte Character Set (encoding)

MBFT	Multipoint Binary File Transfer
MBMS	Multimedia Broadcast and Multicast Service
MBONE	Multicast/Multimedia Backbone
MBPS	Megabits/bytes per second
MBR	Master Boot Record
MBS	Maximum Burst Size
MBS	Mobile Broadband System
MBSA	Microsoft Baseline Security Analyzer
MBX	Mailbox
MC	Master Control
MC	Miniature Card
MC	Mobile Commerce/Communication
MC	Moving Coil
MC	Multi Carrier/Cast
MC	Multipoint Controller
MCA	Machine Check Architecture
MCA	Micro Channel Architecture (IBM)
MCA	Mission Critical Application
MCA	Motion Capture and Analysis
MCA	Multiprocessor Communication Adapter
MCAD	Mechanical Computer Aided Design
MCAST	Motif Cluster Alignment and Search Tool
MCAT	Metadata Catalog
MCB	Memory Control Block
MCBSP	Multi Channel Buffered Serial Port
MCC	Mamas Computer Club
MCC	Manchester Computing Centre
MCC	Media Changer Commands
MCC	Memory Cache Controller
MCC	Microelectronics and Computer Technology Corporation
MCC	Mission Control Center
MCCI	Multi-Channel Communications Interface
MCCI	Multimedia Copyright Clearance Ireland
MCCOI	Multimedia Communications Community of Interest
MCCS	Monitor Command and Control Set (VESA)
MCD	Mad Computer Disease
MCD	Mini Client Driver
MCDA	Micro Channel Developers Association
MCDS	Mail Channel Directory System
MCDU	Multipurpose Control and Display Unit

MCE	Machine Check Exception
MCE	Management Communication Engine
MCE	Media Center Edition (Microsoft)
MCF	Meta Content Format
MCF	MOM Connector Framework (Microsoft)
MCFT	Multi Cash File Transfer (eBanking)
MCGA	Multi Colour Graphics Adaptor/Array
MCGAM	MIXER Conformant Global Address Mapping
MCH	Memory Controller Hub
MCI	Media Control Interface
MCIR	Machine Controlled Interactive Retrieval
MCIS	Microsoft Commercial Internet System
MCM	Media and Communication Management
MCM	Multi Carrier Modulation
MCM	Multi Chip Module
MCN	Media Catalogue Number
MCN	Multiple Crossbar Network
MCNC	Microelectronics Center of North Carolina
MCNS	Multimedia Cable Network System
MCOP	Management Coprocessor
MCOP	Mobile Connect One-time Password
MCOP	Multimedia Communication Protocol (KDE)
MCP	Macintosh Coprocessor Platform
MCP	Master Control Programm
MCP	Media and Communications Processor
MCP	Microsoft Certified Professional
MCP	Multichip Package
MCPP	Microsoft Communications Protocol Program
MCR	Minimal/Minimum Cell Rate
MCS	Master Control Station
MCS	Mission Critical Server
MCS	Modulation and Coding Scheme
MCS	Multicast Server
MCS	Multinational Character Set
MCS	Multipoint Communication Services/System
MCSE	Microsoft Certified Systems Engineer
MCSG	Mathematical and Computational Sciences Group
MCT	Memory Controller
MCT	Mind Control Technology
MCT	MOS Controlled Thyristor

MCU	Master Control Unit
MCU	Memory/Micro/Multipoint/Module Control/Controller Unit
MCU	Minimum Coded Unit
MCU	Multi Chip Unit
MCU	Multicast Unit
MCU	Multipoint Conferencing/Control Unit
MCX	Media Center Extender
MD	Mail Drop
MD	Mediation Device
MD	Message Digest
MD	Mini Disk
MD5	Message Digest 5
MDA	Mail Delivery Agent
MDA	Media Dependent/Device Adapter
MDA	Mediated Digest Authentication
MDA	Mesh Deterministic Access
MDA	Mobile Digital Assistant
MDA	Model Driven Architecture
MDA	Merci d'avance (Slang)
MDA	Monochrome Display Adapter
MDAC	Master Data Acquisition and Control System
MDAC	Microsoft Data Access Component
MDBMS	Multidimensional DBMS
MDBS	Mobile Data Base Station
MDDI	Mobile Digital Display Interface (VESA)
MDE	Maschinendatenerfassung
MDEC	Motion (JPEG) Decoder
MDF	Main Distribution Frame
MDG	Message Design Guidelines
MDG	Minimum Delay Generator
MDG	Mobile Data Gateway/Group
MDG	Module Dependency Graph
MDG	Multiple Default Gateway
MDG	Multiuser Dungeon Game
MDH	Multimedia Data Handling
MDI	Media Dependent Interface
MDI	Multiple Document Interface
MDIS	Mobile Data Intermediate System
MDIX	Media/Medium Dependent Interface Crossed
MDK	Multimedia Development Kit (Microsoft)

MDN	Message Disposition Notification
MDNI	Management Director (!) Network Interface
MDNI	Multicast Device Network Interface
MDNS	Managed Data Network Service
MDR	Minimum Design Requirement
MDS	Meta Data Server
MDS	Microsoft Deployment Solution
MDS	Monitoring and Discovery Service
MDS	Mulit-Dimensional Scaling
MDS	Multiple Data Stream
MDSL	Medium Bit Rate/Multirate Digital Subscriber Line
MDSTV	Mediendienstestaatsvertrag
MDT	Mittlere Datentechnik
MDT	Mobile Data Terminal
MDY	Month Day Year (Datumsangabe)
ME	Micro Edition
ME	Mutation Engine
MEB	Memory Expansion Board
MEC	Memory Expansion Card
MECN	Mobile Extended Corporate Network
MEDARS	Medical Access and Retrieval System
MEDLINE	Medical Literature Analysis and Retrieval System
MELANI	Melde- und Analysestelle Informationssicherung, Schweiz
MEMS	Micro Electro-Mechanical System
MEO	Medium Earth Orbit
MERIT	Michigan Education Research Insruction Triad
MERLIN	Message Handling and Radio Link Management
MERS	Most Economical Route Selection
MES	Mobile End System
MESFET	Metal Semiconductor Field Effect Transistor
MESI	Modified Exclusive Shared Invalid (Cache)
MET	Memory Enhancement Technology
MET	Middle European Time
MET	Mission Elapsed Time
METAL	Macro Expansion Template Attribute Language
MEXE	Mobil Station Execution Environment
MEZ	Mitteleuropäische Zeit
MF	Marinefunker
MF	Multifunktion
MFC	Mainframe Computer

MFC	Microsoft Foundation Classes
MFC	Multifunktionale Chipkarte
MFFS	Microsoft Flash File System
MFI	Metafile Input
MFIA	Magtape Formatter Interface Adapter
MFJ	Modified Final Judgement
MFLOP	Million Floating Point Operations
MFM	Modified Frequency Modulation
MFO	Metafile Output
MFP	Multifunction Peripheral
MFPA	Multi Function Peripheral Association
MFQ	Multilevel Feedback Queue
MFR	Multi Frequency Receiver
MFS	Macintosh File System
MFS	Maximum Frame Size
MFS	Memory File System
MFS	Mitteilungen für Seefunkstellen
MFT	Master File Table
MFT	Multi-Programming with a Fixed number of Tasks
MFTL	My Favorite Toy Language
MFTP	Multicast File Transfer Protocol
MFV	Mehrfrequenz-Wahlverfahren (Telefon)
MG	Master Group
MG	Media Gateway
MGA	Mehrgeäteanschluss
MGA	Monochrome/Multimode Graphic Adapter
MGC	Media Gateway Controller
MGCP	Media Gateway Control Protocol
MGFT	Motion Group Fourier Transform
MGPF	Multiprogram General Purpose Facilities
MGR	Multi Gigabit Router
MH	Modified Huffman (Compression)
MHD	Moving Head Disk
MHEG	Multimedia and Hypermedia Expert Group
MHF	Message Handling Facility
MHN	Münchener Hochschul-Netz
MHOTY	My Hat's Off To You (Slang)
MHP	Multimedia Home Platform
MHS	Message/Mail Handling Service/System
MHTML	MIME encoded Hypertext Markup Language

MI	Mode Indicate
MI	Modul Interface
MI	Multiple Instruction (Stream Computer)
MIA	Missing In Action (Debian)
MIAS	Mehrwertsteuerinformationsaustauschsystem
MIB	Management Information Base
MIB	Melde- und Informationssystem Binnenschifffahrt
MIC	Macro Interpretative Command
MIC	Media Interface Connector
MIC	Memory In Cassette
MIC	Message Integrity Check/Code
MIC	Mode Indicate Common
MIC	Multimedia Interactive Control
MICA	Modem ISDN Channel Aggregation
MICE	Multimedia Integrated Conferencing for Europe
MICK	Multimedia-Informations-Centrum Karlsruhe
MICR	Magnetic Ink Character Recognition
MICS	Mobile Information and Communication Systems
MID	Maritime Identification Digit
MID	Message Identifier
MID	Mobile Internet Device
MIDI	Musical Instrument Digital Interface
MIDP	Mobile Information Device Profile
MIDS	Matrix Internet Data Survey
MIEF	Management Information Error Facility
MIF	Management Information File/Format
MIHMA	Model-based Integration Heterogeneous Multimedia Archives
MII	Media Independent Interface
MII	Microsoft, IBM, Intel
MIL	military; Internet-Domain: Militär in den USA
MIL	(amerikanische Militärnorm)
MIL	Machine Interface Layer
MILNET	Military Network, USA
MIM	Metall-Isolator-Metall (Bildschirm)
MIMD	Multiple Instructions Multiple Data
MIME	Multipurpose Internet Mail Extensions
MIMO	Multiple Input Multiple Output
MINC	Multilingual Internet Names Consortium
MINT	Mathematik, Informatik, Naturwissenschaften, Technik
MIO	Modular Input Output

MIP	Maximum Integration Phone
MIPA	Mutual Internet Practices Association
MIPS	Million Instructions Per Second
MIPS	Most Irrelevant Product Specification
MIPS	Multimedia Interactive Protocols and Systems
MIPTEL	Mobile IP Telephony
MIS	Management Information System
MIS	Metal Insulator Semiconductor
MISD	Multiple Instructions Single Data
MIT	Management Information Tree
MIT	Massachusetts Institute of Technology
MITI	Ministry of Trade and Industry, Japan
MITM	Man In The Middle (attack)
MITMA	Man In The Middle Attack
MITS	Model Instrumentation Telemetry System
MIX	Member Information Exchange
MIXER	MIME Internet X.400 Enhanced Relay
MJ	Major Descriptor
MJ	Modular Jack (Steckersystem)
MJD	Modified Julian Date
MJPEG	Motion-JPEG
MKB	Media Key Block
MKL	Mathematical Kernel Library (Intel)
MKT	Multifunktionales Kartenterminal
ML	Machine/Markup/Meta Language
MLA	Micro Lense Array
MLA	My Local Address
MLC	Multi Level Cell
MLD	Master Logic Diagram
MLD	Multicast Listener Discovery
MLE	Millenium Language Extension
MLI	Multiple Link Interface
MLID	Multiple Link Interface Driver
MLIS	Multilingual Information Society
MLM	Mailing List Manager
MLM	Multi-Level Marketing
MLP	Message/Multilayer Link Protocol
MLP	Mobile Location Protocol
MLPPP	Multi Link PPP
MLR	Multi-Channel Linear Recording

MLS	Multi Level Security
MLS	Multiple Link Support
MLT	Mechanized Loop Testing
MLT	Multi-Level Transition/Transmission
MLT	Multi Link Trunking
MLV	Multi Language Vendor
MM	Maschinenlesbares Merkmal
MM	Material/Mobility Management
MM	Metadata Manager
MM	Moving Magnet
MM	Multiple Master
MMA	Million Message Attack
MMA	Multi-Megabit-Anpassung
MMAC	Multi Media Access Center
MMAP	Multi Media Access Profile
MMC	Man Machine Communication
MMC	Matched Memory Cycle
MMC	Microsoft Management Console
MMC	MIDI Machine Control
MMC	Multi Media Card/Commands
MMCA	Multi Media Card Association
MMCD	Multimedia Compact Disc
MMDF	Multichannel Memorandum Distribution Facility
MMDS	Multichannel Multipoint Distribution System
MME	Multi Media Extensions
MMF	Make Money Fast
MMF	Multi-Mode Fiber
MMI	Man Machine Interface
MMIC	Monolithic Microwave Integrated Circuit
MMIS	Materials Manager Information System
MMJ	Modified Modular Jack (Steckersystem)
MMK	Multimediale Kommunikation
MML	Man Machine Language
MML	Mathematical Markup Language
MMM	Memory Mapper Modul
MMM	Micro Macro Magician
MMM	Microsoft Multimedia Movie
MMM	Mobile Media Mode
MMM	Multi Media Mediocrity
MMORPG	Massive Multiplayer Online Role Playing Game

MMP	Massive Multi Processing
MMPC	Multi Message Package Chaffing
MMPM	Multi Media Presentation Manager
MMR	Modified Modified Read (Compression)
MMR	Multi Hop Relay
MMS	Manufacturing Message Specification
MMS	Module Management System
MMS	Multimedia Messaging Service
MMS	Multimedia Survey
MMSI	Maritime Mobile Service Identity
MMT	Multimedia Timer
MMTCA	Multimedia Toolbox for Cooperative Applications
MMU	Memory Management Unit
MMX	Multi Media Extensions
MN	Minor Descriptor
MNG	Minimal No-Good
MNIT	Mobile Networks Integration Technology
MNP	Microcom Networking Protocol
MNP	Multiple Networking Program
MNRE	Manual Not Read Error (Slang)
MNS	Managed Network Services
MO	Magneto-Optical (Disk)
MO	Managed Object
MO	Mobile Originated (Message)
MOAP	Multihop Over the Air Programming
MOBB	Month Of Browser Bugs
MOCA	Music Online Competition Act
MOD	Magneto-Optical Disk
MOD	Movie/Music On Demand
MODCA	Mixed Object Document Content Architecture
MODEM	Modulator-Demodulator
MODFET	Modulation Doped Field Effect Transistor
MOESI	Modified, Owner, Exclusive, Shared, Invalid
MOF	Meta Object Facility
MOH	Music On Hold
MOHLL	Machine Oriented High Level Language
MOKB	Month Of Kernel Bugs
MOLAP	Multidimensional Online Analytical Processing
MOLI	Microsoft Online Institute
MOLP	Microsoft Open License Pak

MOM	Map Oriented Machine
MOM	Message Oriented Middleware
MOM	Microsoft Operations Manager
MOO	MUD/Multiuser Object Oriented
MOON	Management Of Optical Networks
MOP	Maintenance Operations Protocol (DEC)
MOP	Multiple Original Prints
MOPL	Map oriented Programming Language
MOPS	Million Operations Per Second
MOS	Mean Opinion Score
MOS	Metal Oxide Semiconductor
MOSC	Modified Original Smart Card
MOSFET	Metal Oxide Semiconductor Field Effect Transistor
MOSIX	Multicomputer Operating System for UNIX
MOSPF	Multicast Extensions to OSPF
MOSPF	Multicast Open Shortest Path First
MOSS	Microsoft Office Sharepoint Server
MOSS	MIME Object Security Services
MOST	Media Oriented Systems Transport
MOST	Mobile Open Systems Technology
MOT	Multimedia Object Transfer
MOTAS	Member Of The Appropriate Sex (Slang)
MOTIS	Message Oriented Text Interchange System
MOU	Memorandum Of Understanding
MOV	Metal Oxide Varistor
MP	Magic Packet
MP	Massively Parallel
MP	Mesh Point
MP	Multilink Protocol
MP	Multiple Processors
MP	Multipoint Processor
MP	Multiprocessing
MP3	MPEG Layer 3
MPA	Minimum Perceptable Action
MPA	Motion Picture Association
MPAA	Motion Picture Association of America
MPC	Media Port Controller
MPC	Microsoft Certified Professional
MPC	Multimedia PC
MPCS	Manufacturing Planning and Control System

MPE	Maximum Permissible Exposition
MPE	Multiprogramming Executive
MPEG	Moving Picture Experts Group
MPF	Mapping Field
MPG	Medizinprodukte-Gesetz
MPI	Message Passing Interface
MPI	Multi-Protocol Interchange
MPICH	Message Passing Interface Chameleon
MPL	Mozilla Public License
MPLS	Multi-Protocol Label Switching
MPM	Message/Multi Processing Module
MPMLQ	Multipulse Maximum Likelihood Quantization
MPOA	Multi Protocol Over ATM
MPP	Massively Parallel Processing/Processor
MPP	Message Posting/Processing Program/Protocol
MPPP	Multilink Point-to-Point Protocol
MPQS	Multiple Polynomial Quadratic Sieve
MPR	Massenparallelrechner
MPR	Mät- och Provningsrådet (Schweden)
MPR	Multi-Protocol Router
MPR	Multipart Repeater
MPR	Multipoint Relay
MPRM	Mobile Payment Reference Model
MPT	Memory Protocol Translator
MPT	Ministry of Post and Telecommunications, UK + Japan
MPTF	Multiple Protocol Transport Feature
MPTN	Multi-/Multiple Protocol Transport Network (IBM)
MPTP	Micro Payment Transfer Protocol
MPTS	Multiprotocol Transport Services (IBM)
MPU	Microprocessor Unit
MPU	MIDI Processing Unit
MPW	Macintosh Programmers/Programming Workbench
MPX	Multi Pointer X (Server)
MPX	Multiplex
MQ	Message Queuing
MQE	Managed Query Environment
MQI	Messaging and Queuing Interface
MR	magneto-resistiv
MR	Modem Ready
MR	Modified Read (Compression)

MRAM	Magnetoresistive/Ferromagnetic Random Access Memory
MRB	Method Request Broker
MRC	Magneto-Resistive Cluster
MRCC	Maritime Rescue Coordination Center
MRCF	Microsoft Realtime Compression Format
MRCI	Microsoft Realtime Compression Interface
MRM	Motif Resource Manager
MRM	Multi Resolution Mesh
MRML	Mind Reading Markup Language
MRML	Multimedia Retrieval Markup Language
MRO	Multi-Region Operation
MRP	Material Requirements Planning
MRP	Manufacturing Resource Planning
MRPL	Main Ring Path Length
MRS	Media Recognition System
MRS	Microcontroller Readable Sector
MRS	Mode Register Set
MRS	Moderator Recovery System
MRS	Monitored Retrievable Storage
MRT	Mean Repair Time
MRTD	Machine Readable Travel Document
MRU	Maximum Receive Unit
MRU	Most Recently Used
MRZ	Machine Readable Zone
MS	Management Services
MS	Memory Stick/System
MS	Message Store
MS	Microsoft Corporation
MS	Mobile Station
MS	Multiplexer Section
MS	Music/Speech
MSA	Microsoft Systems Architecture
MSA	Mobile Service Architecture
MSAA	Microsoft Active Accessibility
MSAIS	Multiplexer Section Alarm Indication Signal
MSAM	Microsoft Screen Access Model
MSAM	Multikeyed Indexed Sequential File Access Method
MSAP	Minislotted Alternating Priorities
MSAS	Multimedia-Stream Adaptation Services
MSAU	Multi-Station Access Unit

MSB	Most Significant Bit/Byte
MSC	Main Service Channel
MSC	Mid Speech Clipping
MSC	Mobile (Services) Switching Centre
MSCDEX	Microsoft Compact Disk Extensions
MSCHAP	Microsoft Challenge/Reply Handshake Protocol
MSCP	Mass Storage Control Protocol
MSCS	Microsoft Cluster Server/Services
MSD	Mass Storage Device
MSD	Most Significant Digit
MSDL	Motion Special Description Language
MSDN	Microsoft Developer Network
MSDOS	Microsoft Disk Operating System
MSDP	Multicast Source Discovery Protocol
MSDR	Multiplexed Streaming Data Request
MSDS	Microsoft Developer Support
MSDS	MIDI Sample Dump Standard
MSFDC	Microsoft + First Data Corporation
MSG	Message
MSI	Maritime Safety Information
MSI	Medium Scale Integration
MSI	Message Signaled Interrupt
MSI	Microsoft Installer
MSIE	Microsoft Internet Explorer
MSIL	Microsoft Intermediate Language
MSISDN	Mobile Subscriber Integrated Services Digital Network
MSISDNN	Mobile Subscriber Integrated Services Digital Network Number
MSK	Minimum Shift Keying
MSL	Master Symbol List
MSL	Map Specification Library
MSL	Mean Sea Level
MSL	Mirrored Server Link
MSLR	Max Scan Line Register
MSLR	Morphological and Syntactic LR Parser
MSM	Mainstream Media
MSN	Microsoft Network
MSN	Multiple Subscriber Number
MSO	Multiple System Operator
MSOH	Multiplexer Section Overhead
MSOPF	Multicast Open Shortest Path First

MSP	Message Security Protocol
MSP	Multiplexer Section Protection
MSR	Machine Specific Register
MSR	Message Service Routine
MSR	Messen, Steuern, Regeln
MSR	Model Specific Registers
MSR	Multiplicity Shift Register
MSRN	Mobile Station Roaming Number
MSS	MAN Switching System
MSS	Maximum Segment Size
MSS	Mobile Satellite Service
MSSG	MPEG Software Simulation Group
MSTE	Multiplexer Section Terminating Equipment
MSTP	Multiple Spanning Tree Protocol
MSU	Multi Service Unit
MSV	Medium Speed Variant
MSW	Machine Status Word
MT	Mobile Terminated (Messaging)
MT	Movable Type
MTA	Macintosh Telephony Architecture
MTA	Mail/Message Transfer Agent
MTA	Multiple Terminal Access
MTBB	Mean Time Between Breakdowns
MTBDL	Mean Time Between Data Loss
MTBF	Mean Time Between Failures
MTBJ	Mean Time Between Jams
MTC	Multi Threaded Calculation
MTD	Memory Technology Device
MTDA	Mean Time Data Availability
MTF	Mean Time to Failure
MTF	Microsoft Tape Format
MTF	Modulation Transfer Function
MTFBWY	May The Force Be With You (Slang)
MTH	Memory Translation/Translator Hub
MTJ	Magnetic Tunnel Junction
MTN	Mini Typing Notify
MTOPS	Millions Theoretical Operations Per Second
MTP	Mail Transfer Protocol (Internet)
MTP	Message Transfer Part
MTP	Meteo Time Protocol

MTQP	Message Tracking Query Protocol
MTRR	Memory Type Range Register
MTS	Message Transfer/Telephone Services/System
MTS	Michigan Terminal System
MTS	Microsoft Transaction Server
MTS	Multichannel Television Sound
MTS	Multimedia Teleschool (Berlitz)
MTTF	Mean Time To Failure
MTTH	Mean Time To Half Brightness
MTTR	Mean Time To Recovery/Repair
MTU	Maximum Transfer/Transmission Unit
MTUF	Magnetic Tape Unit Formatter
MU	Message Unit
MÜ	Maschinelle Übersetzung
MUA	Mail User Agent
MUCK	Multi User Chat Kingdom
MUD	Multi/Multiple-User Dialogue/Dimension/Dungeon (Spiele)
MUEW	Monopolübertragungsweg
MUF	Maximal Usable Frequency
MUFF	Maus- und Fenster-Firlefanz
MUL	Memory Upper Low
MUL	Mobile User Link
MULTICS	Multiplexed Information and Computing Service
MUMPS	Massachusetts General Hospital Utility Multi-Programming System
MUNDI	Multiplexed Network for Distributive and Interactive Services
MUSE	Multiple Sub-Nyqyist-Sampling Encoding
MUSEN	Meinem Unmassgeblichen Sprachempfinden Nach (Slang)
MUSH	Multi-User Shared Hallucinations
MUSIC	Multiple Signal Characterization/Classification
MUSICAM	Masking Universal Subband Integrated Coding and Multiplex
MUTEX	Mutual Exclusion
MUX	Multiplexer
MVA	Multi-domain Vertical Alignment (panel)
MVB	Multimedia Viewer Book
MVC	Manual Volume Control
MVC	Model View Controller (design pattern)
MVC	Multimedia Viewer Compiler
MVC	Micro-Bit-Virus-Centrum, Karlsruhe
MVCC	Multi Version Concurrency Control
MVD	Multi Valued Dependency

MVDM	Multiple Virtual DOS Machines
MVFS	Multi Version File System
MVGA	Monochrome Video Graphics Array
MVIP	Multi Vendor Integration/Interaction Protocol
MVL	Multiple Virtual Line
MVM	Matrix Vector Multiplier
MVP	Multimedia Video Processor
MVQ	Motion Vector Quantization
MVS	Multiple Virtual Storage/Systems (IBM)
MVT	Multiprogramming with a Variable number of Tasks
MVT	Multi Vendor Teaming
MW	Mittelwelle, Medium Wave
MWC	Mirror Write Cache
MWCG	Multiply With Carry (random number) Generator
MWCM	Molecular Wire Crossbar Memory
MWD	Mehrwertdienst
MWI	Message Waiting Indication
MWM	Motif Window Manager
MWMR	Multiple Write, Multiple Read
MWN	Managed WAN Networks
MX	Mail Exchange/Exchanger (DNS-Record)
MXF	Material Exchange Format
MXS	Mail Exchangers (plural of MX)
MXS	Message Exchange Services
MXS	Microsoft Exchange Server
MXT	Memory Expansion Technology (IBM)
MYOB	Mind Your Own Business (Slang)
MZAP	Multicast-Scope Zone Announcement Protocol

N	National, Network, No/Non
NA	Network Access
NA	Not Applicable/Available
NAB	National Address Base
NAB	National Association of Broadcasters (USA)
NAC	Network Access/Admission Control
NAC	Network Analysis Corporation
NAC	Network Applications Consortium (USA)
NAC	Null Attachment Concentrator
NACA	National Advisory Committee for Aeronautics (USA)

NACD	National Association of Computer Dealers
NACK	Negative Acknowledge
NACS	National Advisory Committee on Semiconductors
NACS	NetWare Asynchronous Communication Server
NADIR	Network Anomaly Detection + Intrusion Reporter
NAEC	Novell Authorized Education Center
NAF	National Arbitration Forum
NAFOD	No Apparent Fear Of Death (Slang)
NAG	Numerical Algorithms Group, Oxford
NAIF	Navigation Ancillary Information Facility
NAK	Negative Acknowledge/Acknowledgement
NAL	Network Abstraction Layer
NAL	Novell Application Launcher
NAM	Name and Address Module
NAM	Narrow Amplitude Modulation
NAM	National Account Manager
NAM	Netware Application Manager
NAM	Network Analysis Module
NAM	Number Assignment Module
NAMP	NetWare Asynchronous Messaging Protocol
NAN	Not a Number
NAND	not and
NANOG	North American Network Operators Group
NAP	Network Access Point/Protection/Protocol
NAP	Non-significant Address Part (Bluetooth)
NAPAW	North American Process Algebra Workshop
NAPLPS	North American Presentation Layer/Level Protocol Syntax
NAPT	Network Address Port Translation (RFC 3022)
NAPTR	Naming Authority Pointer
NAQ	Never Answered Questions
NARR	Narrative
NAS	Network Access Server
NAS	Network Administration System
NAS	Network Application Services
NAS	Network Application Support (DEC)
NAS	Network Attached Storage
NASA	National Aeronautics and Space Administration, USA
NASA	.net Application and Strategic Alternatives
NASI	NetWare Asynchronous Services Interface (Novell)
NASIG	Numerical Analysis Special Interest Group

NASK	Naukowa i Akademicka Siec Komputerowa (Polen)
NASS	Numerical Aerodynamics Simulation System
NAT	Network Address Translation
NAU	Network Access/Addressable Unit
NAUN	Nearest Active Upstream Neighbour
NAV	Network Allocation Vector
NAVI	New Analog Video Interface
NAVTEX	Navigational Warnings by Telex
NAX	Nachrichten auf Fax
NB	Noise Blanker
NB	Northbridge
NBC	National Broadcasting Compnay, USA
NBD	Network Block Device
NBD	No Big Deal (Slang)
NBF	Netbios Frame (Transport Protocol)
NBFCP	NetBIOS Frames Control Protocol
NBG	Networking Business Group
NBMA	Non-Broadcast Multiple Access
NBN	Nixdorf Breitbandnetz
NBNS	NetBIOS Name Server/Service
NBO	Network Byte Order
NBP	Name Binding Protocol
NBP	Netbios Protocol
NBP	Network Bootstrap Program
NBS	National Bureau of Standards, USA (jetzt NIST)
NBT	NetBIOS on TCP/IP
NC	Network Computer/Control
NC	Newcastle Connection
NC	No Connection
NC	Node Consistency
NC	Number Cruncher/Crusher
NC	Numerical Control
NCA	Network Communications Adapter
NCA	Network Computer/Computing Architecture
NCAM	National Center for Accessible Media, USA
NCAR	National Center for Atmospheric Research, USA
NCB	NetBIOS Control Block
NCC	National Computing Centre
NCC	Network Computer Client
NCC	Network Control Center

NCC	Network Coordination Centre (RIPE)
NCCUSL	National Conference of Commissioners on Uniform State Laws
NCD	Network Computing Device
NCD	Network Copy Detection
NCE	Nomadic Computing Environment
NCEG	Numerical C Extensions Group
NCF	Network Computing Facility
NCGA	National Computer Graphics Association
NCI	Network Control Information
NCM	Network Configuration Management
NCMT	Numerical Control for Machine Tools
NCN	New Century Network
NCNCNC	No Coffee, No Chocolate, No Computer (Slang)
NCO	Numerically Controlled Oscillator
NCP	NetWare Core Protocol
NCP	Network Control Processor/Protocol/Program
NCP	Not Copy Protected
NCQ	Native Command Queuing
NCR	National Cash Register Corporation, USA
NCS	Natural Colour System
NCS	Network Computer Server
NCS	Network Computing System
NCS	NASI Connection Service
NCSA	National Center for Supercomputing Applications, USA
NCSA	National Computer Security Association
NCSA	National Customer Service Association
NCSC	National Computer Security Center
NCSC	North Carolina Supercomputing Center
NCSD	National Cyber Security Division, USA
NCSI	Network Communication Services Interface
NCSL	National Computer System Laboratory
NCSTRL	Networked Computer Science Technical Reports Library
ND	Natürliche Dummheit (Gegensatz zu KI)
ND	Network Diagram
NDA	Non Disclosure Agreement
NDA	Norddeutsche Datenautobahn
NDAC	Not Data Accepted
NDAS	Network Direct Attached Storage
NDB	Non-Directional Beacon
NDC	National Destination Code

NDC	Normalized Device Coordinate
NDI	Network Distribution Infrastructure
NDIS	Network Device/Driver Interface Specification
NDL	Network Database Language
NDLTD	Networked Digital Library of Theses and Dissertations
NDM	Netzwerk-Datenmodell
NDM	Normal Disconnected Mode
NDMP	Network Data Management Protocol
NDMS	NetWare Distributed Management Services
NDP	Numeric Data Processor
NDPS	Netware Distributed Printing Services
NDPS	Non-Disruptive Path Switching
NDR	Non Delivery Report
NDR	Norddeutscher Rundfunk
NDS	Netware/Novell Directory Services
NDS	Noise Detected as Speech
NDST	Network Dedicated Systems Time
NDT	Net Data Throughput
NDT	Network Design Tool
NDTP	Network Dictionary Transfer Protocol
NE	Name Error
NE	Network/Node Element
NE4	Netzebene 4
NEA	Nichtdeterministischer Endlicher Automat (NFA)
NEARNET	New England Academic and Research Network
NEC	National Electric Code (Kabel)
NEC	Nippon Electric Company, Japan
NEC	Numerical Electromagnetics Code
NECC	National Education Computing Conference, USA
NECTAR	Network Computer Architecture
NEDD	New Electrostatic Drop Detector
NEES	Network for Earthquake Engineering and Simulation
NEMA	National Electrical Manufacturers Association
NEMS	Nano Electromechanical Storage
NEOS	Networked Educational On-line System
NERD	Network Event Recording Device
NEST	Novell Embedded Systems Technology
NET	network; Internet-Domain: Netzverwaltung
NET	Network Entity Title
NET	Norme Europeenne de Telecommunication

NETBEUI	NetBIOS Extended User Interface (IBM)
NETBIOS	Network Basic Input and Output System (IBM)
NETBLT	Network Block Transfer (Protocol)
NETCDF	Network Common Data Form
NETSC	Netscape (Browser)
NETSC	Network Security Consortium
NEWS	Network Extensible Window System
NEXT	Near End Cross Talk
NF	Niederfrequenz
NF	Noise Factor
NF	Normalform (Datenbank)
NFA	Nondeterministic Finite Automaton
NFAR	Network File Access Routine
NFC	Near Field Communications
NFF	No Fault Found
NFGM	Nano Floating Gate Memory
NFI	No Frigging Idea (Slang)
NFM	Narrow Frequency Modulation
NFM	Network File Manager
NFS	Nachrichten für Seefunkstellen
NFS	Network/Nightmare File Server/System
NFS	Number Field Sieve
NFSS	New Font Selection Scheme
NFW	No Fucking Way (Slang)
NG	Next/New Generation
NG	No Good
NGG	Network Group Germany
NGI	Next Generation Internet
NGIO	Next Generation Input Output
NGM	Netware Global Messaging
NGMHS	NetWare Global Message Handling System
NGMN	Next Generation Mobile Network
NGN	Next Generation Network
NGO	Non Governmental Organization
NGS	Non Government Standard
NGSCB	Next Generation Secure Computing Base
NGSCBFW	Next Generation Secure Computing Base for Windows
NGWS	Next Generation Windows Services
NGZ	Network Game Zone
NHC	Notebook Hardware Control

NHOB	Non-specific Hierarchical Operational Binding
NHRP	Next Hop Routing/Resolution Protocol
NI	Neighbourhood Interchangeability
NI	Network Interconnect
NIA	Network Interoperability Alliance
NIC	National ISDN Council
NIC	Network Information Center
NIC	Network Interface Card
NIC	John-von-Neumann-Institut für Computing, Jülich
NICA	Novell Integrated Computing Architecture
NICAD	Nickel Cadmium (Akkumulator)
NICAM	Near Instantaneous Companded Audio Multiplex
NICE	Network Information and Control Exchange (Protocol)
NICK	Netzweites Informationssystem im Campus der Universität Karlsruhe
NID	Namespace Identifier
NID	Next ID
NIDL	Network Interface Definition Language
NIDS	Network Intrusion Detection System
NIF	Nautischer Informationsfunk
NIF	Network Information File/Frame
NIG	Non Isolated Gate
NIH	National Institute of Health, USA
NIH	Not Invented Here
NIHCL	NIH Class Library
NII	National Information Infrastructure, USA
NIIT	National Information Infrastructure Testbed
NIK	Nachhaltigkeit in der Informations- und Kommunikationstechnik
NIL	Network Interchange Language
NILFS	New Implementation of a Log-structured File System
NIM	Network Installation Manager
NIM	Network Interface Machine
NIMA	National Imaging and Mapping Agency
NIMBY	Not In My Backyard (Slang)
NIMH	Nickel Metal Hydride (Akkumulator)
NIMP	NetWare Internetwork Messaging Protocol
NIP	Network Inquiry Protocol
NIP	Non-Impact Printer/Printing
NIPC	National Infrastructure Protection Center
NIPS	Network I/O Per Second
NIR	Network Information Retrieval

NIS	Nachbarschafts-Informationssystem
NIS	NATO Identification System
NIS	Network Information/Interpreting Service
NIS	Norddeutsches Informationssystem
NISA	New Information Services Architecture
NISDN	Narrow Band ISDN
NISO	National Information Standards Organization
NISS	National Information Services and Systems, USA
NISS	National Information on Software and Services, USA
NIST	National Institute of Standards and Technology, USA
NIT	Network Information Table
NIT	Network Interface Tap
NITC	National Information Technology Center
NIU	Network Interface Unit
NIUF	National ISDN Users Forum
NJE	Network Job Entry (IBM)
NL	Network Layer
NL	New Line
NLA	Next Level Aggregator
NLA	Not Long Ago (Slang)
NLANR	National Laboratory for Applied Networking Research, USA
NLB	Network Load Balancing
NLE	Nonlinear Editing
NLLS	Nonlinear Least Squares
NLM	Netware Loadable Modul (Novell)
NLMB	Nolifemuddinbastard (Slang)
NLOC	Netto Lines Of Code
NLP	Natural Language Processing
NLP	Non Linear Programming
NLPID	Network Layer/Level Protocol Identifier
NLQ	Near Letter Quality
NLS	National/Native Language Support
NLSP	Netware Link Service/State Protocol
NLUUG	Niederländische UNIX User Group
NM	Network Management
NM	New Maintainer (Debian)
NMA	Network Management Architecture
NMAS	Novell Modular Authentication Services
NMC	Network Management/Measurement Center
NMCP	Network Management Control Protocol

NMEA	National Marine Electronics Association
NMI	Non Maskable Interrupt
NML	Normal
NMM	NetWare Management Map (Novell)
NMM	Network Management Modul
NMO	Network Management Option (OSF)
NMOS	N-Channel MOS (Transistor)
NMOS	Network Management Operating System
NMP	Network Management Processor
NMPR	Networked Media Product Requirements
NMR	Network Management Responder (Novell)
NMR	Noise to Mask Ration
NMS	Network/NetWare Management Station/System
NMT	Nordic Mobile Telephone
NMU	Non-Maintainer Upload (Debian)
NMVT	Network Management Vector Command
NMX	Network Magement Extensions
NN	Network Node
NN	Newbie Note (Slang)
NN	Nightmare Networker (Slang)
NNGS	No Name Go Server
NNI	Network Node/Network Interface
NNI	Next Node Indicator
NNR	Novell Network Registry
NNSC	NSFnet Network Service Center
NNSP	National Network of State Polls, USA
NNSP	Neural Networks for Signal Processing
NNTP	Network News Transfer Protocol (Internet)
NNX	Nerwork Numbering Exchange
NOA	Nerds on Air
NOAA	National Oceanic and Atmosphere Administration
NOAH	Network Oriented Application Harmonization
NOC	Network Operation Center
NOC	Number of Children
NOEBL	Nichtöffentlicher beweglicher Landfunk
NOEML	Nichtöffentlicher mobiler Landfunk
NOMA	National Online Media Association
NOP	No Operation
NOR	not or
NORC	Naval Ordnance Research Calculator

NORSAR	Norwegian Seismic Array
NOS	Network Operating System
NOW	Network Of Workstations
NP	No Problem (Slang)
NP	Nondeterministic Polynomial time
NPA	Network Performance Analyzer
NPA	Network Printer/Printing Alliance
NPA	Numbering Plan Area
NPACI	National Partnership for Advanced Computational Infrastructure
NPAP	Network Printing Alliance Protocol
NPAPI	Netscape Plug-in Application Program Interface
NPC	Network Personal Computer
NPCID	Network Provides Caller Identifier
NPH	Non Processed Header
NPI	Neighbourhood Partial Interchangeability
NPI	Network Printer Interface
NPL	National Physical Laboratory, England
NPL	Nonprocedural Language
NPP	Network Printing Protocol
NPR	Non Persistent Reference
NPS	Network Print Server
NPTL	Native POSIX Thread Library
NPTN	National Public Telecomputing Network, USA
NPV	Non Patient Vicinity
NQE	Network Queuing Environment
NQS	Network Queuing System
NR	No-Good Recording
NRC	National Research Council, USA
NRCS	National Replacement Character Set
NREN	National Research and Education/Educational Network
NRF	Nerds' Revolutionary Front
NRL	Namespace Routing Language
NRM	Normal Response Mode
NRN	National Research Network
NRN	Netware Remote Node
NRN	No Reply Necessary (Slang)
NRO	Numbering Resource Organisation
NRPC	(Lotus) Notes Remote Procedure Call
NRRT	Non-reroutable Traffic
NRT	Non Real Time

NRTL	Nationally Recognized Testing Laboratory (USA)
NRTM	Near Real Time Mirroring
NRV	Niedersächsicher Rechner-Verbund
NRZ	Non Return to Zero
NRZI	Non Return to Zero, Invert on ones
NS	Name Server (Record)
NS	Natural Stupidness
NS	Netscape
NS	Network Supervisor
NS	New Signal
NSA	National Security Agency, USA
NSA	Nichtschlüsselattribut
NSAP	Network Service Access Point
NSAPA	Network Service Access Point Address
NSAPI	Netscape Server API
NSC	National Support Center
NSC	Network Security Controller
NSC	Network Signon Coordinator
NSCACE	NSC Auxiliary Control Element
NSCD	Name Service Cache Daemon
NSDI	National Spatial Data Infrastructure
NSDI	Networked Systems Design and Implementation
NSE	Network Software Environment
NSF	National Science Foundation, USA
NSF	Non Standard Format
NSF	Norges Standardiseringsforbund
NSF	(Lotus) Notes Storage Facility/File
NSFNET	National Science Foundation Network (Internet)
NSI	Network Solutions, Inc.
NSI	Norsk Sentrum for Informatikk, Norwegen
NSIC	National Storage Industry Consortium, USA
NSID	(DNS) Name Server Identifier
NSL	Network Service Layer
NSM	Network Storage Manager
NSM	Netz-Service-Modul
NSM	Netz- und Systemmanagement
NSO	Network Security Officer
NSO	Nonvirtual Significant Other (Slang)
NSP	Native Signal Processing
NSP	Network Services Protocol/Provider

NSR	Niederspannungsrichtlinie
NSRA	Nordvästra Skånes Radioamatörer
NSRMP	Network Security Risk Management Protocol
NSS	Namespace Specific String
NSS	Name Service Switch
NSS	National Search and Rescue Secretariat, Canada
NSS	Network Specific String
NSS	Nodal Switching System
NSS	Novell Storage Services
NSSDC	National Space Science Data Center, USA
NSSN	National Standards System Network, USA
NSSR	Non-Specific Subordinate Reference
NSTL	National Software Testing Labs, USA
NSTVA	Nebenstellen-Vermittlungsanlage
NSTX	Name Server Tunnel Exchange (Protocol)
NSUB	Neighbourhood Substitutability
NSUE	Netzsteuerungs- und -überwachungssystem
NSW	National Software Works, USA
NSW	Network Setup Wizard
NSW	Norton SystemWorks (Symantec),USA
NSW	Novell Script for NetWare
NT	Network Termination/Terminator (ISDN)
NT	New Technology/Trouble
NTAS	Windows NT Advanced Server
NTBA	Network Terminator Basicrate Access (ISDN-Netzbasisanschluss)
NTC	National Telecommunications Conference
NTC	Negative Temperature Coefficient
NTDLM	Neue Telefondienstleistungsmerkmale
NTF	Neutral Transfer Format
NTF	No Trouble Found
NTFS	New Technology File System (Microsoft)
NTG	Nachrichtentechnische Gesellschaft e. V.
NTIA	National Telecommunications and Information Administration, USA
NTIC	Nouvelles Technologies de l'Information et de la Communication
NTL	Network Tracing and Logging
NTM	Nondeterministic Turing Machine
NTN	Network Terminal/Termination Number
NTP	Network Termination Point
NTP	Network Time Protocol
NTR	Nationale Teilnehmer-Rufnummer

NTS	Network Transport Services (IBM)
NTS	New Typesetting System
NTSA	Networking Technical Support Alliance
NTSC	National Television Standards/System Committee, USA
NTSC	Never The Same Color (Slang)
NTT	Nippon Telegraph + Telephone Corporation, Japan
NTTAWWT	Not That There's Anything Wrong With That (Slang)
NTTF	Networking and Telecommunications Task Force
NTV	Network Television
NUA	Network User Address
NUI	Network User Identification/Interface
NUL	Null
NUMA	Non Uniform Memory Access/Address/Architecture
NURBS	Non Uniform Rational B-Spline
NV	Net View/Vision/Volume
NV	Network Variable/Video
NV	New Version
NV	No Overflow
NV	Nominal Voltage
NV	Non-volatile
NVE	Nummer der Versandeinheit
NVM	Non Volatile Memory
NVN	National Videotext Network
NVO	Non-Visual User Object
NVOD	Near Video On Demand
NVP	Network Voice Protocol (Internet)
NVP	Nominal Velocity of Propagation
NVQ	National Vocational Qualification
NVR	Non Volatile Random Access Memory
NVRAM	Non Volatile Random Access Memory
NVT	Network Virtual Terminal
NWFS	Netware File System (Novell)
NWG	Network Working Group
NWNET	North West Net
NWS	National Warning System, USA
NWS	Network Weather Service
NX	No Execute
NYPSC	New York Public Service Commission
NYSERNet	New York State Educational and Research Network

O	Object, Open, Operate, Optical
OA	Open Access
OAA	Open Agent Architecture
OAEP	Optimal Asymmetric Encryption Padding
OAF	Origin Address Field
OAG	Open Application Group
OAI	Offene Anwendungs- und Interkommunikationssysteme
OAI	Open Applications Interface
OAI	Open Archive Initiative
OAI	Oracle Academic Initiative
OAIS	Open Archival Information System
OAM	Object Attribute Memory
OAM	Operation, Administration, Maintenance
OAO	Over And Out (Slang)
OASIS	Organization for the Advancement of Structured Information Standards
OATUS	On A Totally Unrelated Subject (Slang)
OAUS	On An Unrelated Subject (Slang)
OAW	Optically Assisted Winchester
OB	Orange Book
OBC	Onboard Computer
OBE	Overcome By Events (Slang)
OBEX	Object Exchange (Protocol)
OBI	Online Book Inititative
OBO	Or Best Offer (Slang)
OBS	Objektbanksystem
OBS	Optical Burst Switching
OBST	Object Management System of STONE
OBTW	Oh, By The Way (Slang)
OBU	On Board Unit
OC	Open Control
OC	Optical Carrier
OC3	Optical Carrier Level 3
OCA	Object/Open Component Architecture
OCALA	Open Common Annotation Language
OCB	Optically Compensated Bend
OCC	Omas/Opas Computer-Club
OCC	Operations Control Center
OCC	Other Common Carrier
OCCC	Obfuscated C Code Contest
OCE	Open Collaborative Environment (Apple)

OCFS	Oracle Cluster File System
OCI	Object Code Insertion
OCI	Operational Cryptography and Interception
OCI	Oracle Call Interface
OCL	Operator/Operation Control Language
OCLC	Online Cataloging/Computer Library Catalog/Center
OCP	Optical Storage Processor
OCR	Optical Character/Curve Recognition
OCR	Oracle Cluster Registry
OCS	Object Compatibility Standard
OCS	Open Cabling System
OCSP	Online Certificate Status Protocol
OCT	Object Code Translator
OCTD	Observation, Conclusion, Temporary Data
OCX	OLE Control Extensions
ODA	Open Data Applications
ODA	Open/Office Document Architecture
ODAC	Open Document Architecture Consortium
ODAM	Open Distributed Application Model
ODAPI	Open Database Application Programming Interface
ODB	Object Oriented Data Base
ODBC	Open Data Base Connectivity (Microsoft)
ODBMS	Object Oriented Database Management System
ODC	Overdrive Circuit
ODCS	Open Distributed Computing Structure
ODD	Open Data Desktop
ODE	Object Data and Environment
ODE	Open Dynamics Engine
ODE	Ordinary Differential Equation
ODE	OSF Development Environment
ODETTE	Organisation for Data Exchange by Tele-Transmission in Europe
ODF	On Disk Format
ODF	Open Document Format
ODF	OpenDoc Development Framework
ODFA	Open Document Format Alliance
ODI	Open Data-Link Interface (Novell)
ODIF	Open/Office Document Interchange Format
ODIMS	Open Distributed Information Management System
ODINSUP	ODI-NDIS Supplementary Driver
ODL	Object Definition Language, Optical Disc Library

ODM	Object Data Manager
ODMA	Open Document Management API
ODMG	Object Database Management Group
ODMR	On Demand Mail Relay
ODN	Optical Data Network
ODP	Open Directory Project
ODP	Open Distributed Processing
ODR	Optical Digital Reference
ODS	Offene Datenschnittstelle
ODS	Offenes Deutsches Schulnetz
ODS	On Disc Structure (File System)
ODS	Open Data Services
ODSI	Open Directory Service Interface
ODT	On-Die Termination
ODTM	Optical Time Division Multiplexing
ODVA	Open Device-Net Vendor Association
OE	Opportunistic Encryption
OE	Output Enable
OEB	Open Electronic Book
OEBL	Öffentlicher beweglicher Landfunk
OECD	Organisation for Economic Cooperation and Development
OEF	Origin Element Field
OEM	Odd Even Merge (Graph, Netz)
OEM	Original Equipment Manufacturer
OES	Odd Even Sort (Graph, Netz)
OES	Open Enterprise Server (Novell)
OF	Overflow Flag
OFA	Optimal Flexible Architecture
OFAP	Old Fart At Play (Slang)
OFB	Output Feedback
OFD	Optical Frequency Division Demultiplexer/Demultiplexing
OFDM	Orthogonal Frequency Division Multiplex/Multiplexing
OFE	Open Financial Exchange
OFET	Organic Field Effect Transistor
OFFIS	Oldenburger Forschungs- und Entwicklungsinstitut für Informatik-Werkzeuge un
OFHC	Oxygen Free High Conductivity (Copper)
OFM	Optical Frequency Division Multiplexer/Multiplexing
OFS	Object File System
OFS	Old File System (Amiga)
OFS	Output Field Separator

OFTC	Open and Free Technology Community
OFTP	Odette File Transfer Protocol
OFW	Oberflächenwelle
OFX	Open Financial Exchange
OGIS	Open Geodata Interoperability Specification
OGM	Ogg Media
OGSA	Open Grid Services Architecture
OGSI	Open Grid Services Infrastructure
OH	Off Hook
OHA	Open Handset Alliance
OHCI	Open Host Controller Interface
OHR	Over Horizon RADAR
OIC	Oh, I See (Slang)
OIC	Operator Interface Console
OID	Object Identifier (IANA)
OIDC	Object Identifier Component
OIDL	Object Interface Definition Language
OII	(European Commission's) Open Information Interchange (Service)
OIM	Object Interaction Model
OIM	Office of Information Management
OIM	Offline Instant Message
OIM	Open Information Model
OIM	Operating Instruction Manual
OIM	Operations/Operator Interface Module
OIM	Optical Interface Module
OIM	Oracle Identity Management
OIM	OSI Internet Management
OIN	Open Invention Network
OIO	Open Infrastructure for Outcomes
OIRT	Organisation International de Radio et Television
OIS	Office/Online Information System
OIT	Object Identifier Tree
OIU	Operator Interface Unit
OIV	Object Identifier Value
OIW	OSI Implementors' Workshop
OK	Oberer Kanal
OKKSA	Offener Katalog für Kommunale Softwareanforderungen
OLALA	Open Local Area Linux Applications
OLAP	Online Analytical Processing
OLC	Online Computer

OLC	Optical Link Card
OLE	Object Linking and Embedding
OLE	Open License for Education
OLED	Organic Light Emitting Device/Diode/Display
OLI	Open Link Interface (Novell)
OLI	Optical Phone Line Interface
OLIT	Open Look Intrinsic Toolkit
OLIX	On-Line Informationssystem UNIX
OLM	Optical Link Modul
OLP	Open License Plan/Program
OLPC	One Laptop Per Child
OLSR	Optimized Link State Routing (Protocol)
OLT	Optical Line Termination
OLTC	On Line Trace Compression
OLTP	On Line Transaction Processing
OLWM	Open Look Window Manager
OM	Object Manager
OM	Old Man (Radioamateur)
OM	Optimal Mismatch
O&M	Operation and Maintenance
OMA	Object/Open Management Architecture
OMA	Open Mobile Alliance/Architecture (Cabrio?)
OMAC	One-key Message Authentication Code
OMAP	Open Multimedia Applications Protocol
OMAP	Operation and Maintenance Part
OMC	Operation and Maintenance Center
OMCR	Operation and Maintenance Center Radio
OMCS	Operation and Maintenance Center Switch
OME	On-board Modul Extension
OMF	Object Management Facility/Framework
OMF	Object Module Format
OMF	Open Media Framework
OMF	Open Source Metadata Framework
OMFS	Open Mosix File System
OMG	Object Management Group
OMI	Open Messaging/Modelling Interface
OMI	Open Microprocessor Systems Initiative
OML	Object Manipulation Language
OMR	Optical Mark Recognition
OMS	Object management System

OMT	Object Modelling Technique
OMUP	Operating and Maintenance User Part
ONAL	Off-Network Access Line
ONC	Open Network Computing (Sun)
ONCS	Open Network Compute Server
ONE	Open Net/Network Environment (Sun)
ONI	Operator Number Identification
ONM	Open Network Management
ONMS	Open Network Management System
ONN	Open Network Node
ONNA	Oh No, Not Again (Slang)
ONNTA	Oh No, Not This Again (Slang)
ONP	Open Network Provision
ONP	Open Network Provision
ONP	Open Networking Platform
ONS	Object Naming/Numbering System
ONU	Optical Network Unit
OO	Owner Override
OOA	Object Oriented (System) Analysis
OOC	Object Oriented Concepts
OOC	Out Of Characters (Slang)
OOD	Object Oriented Design
OODBMS	Object Oriented Database Management System
OOE	Objektorientierter Entwurf
OOF	Out Of Frame
OOI	Object Of Interest (Slang)
OOI	Object Oriented Implementation
OOIS	Object Oriented Information System
OOK	On Off Keying
OOL	Object Oriented Language
OON	Object Oriented Nonsens
OOP	Object Oriented Pleasure/Programming
OOP	Out Of Print (Slang)
OOPL	Object Oriented Programming Language
OOPS	Object Oriented Programming System
OOPS	Objext Oriented Proxy Server
OOPS	Out Of Phase Stereo
OOPSLA	Object Orientied Programming Systems, Languages and Applications
OOSA	Object-Oriented Software Architecture
OOT	Object Oriented Technology

OOTB	Out Of The Box (Slang)
OOTC	Obligatory On-Topic Comment (Slang)
OOXML	Office OpenXML (Microsoft)
OPA	Old Programmers Association
OPA	Open Protocol Architecture
OPA	Overview Pac Attribute
OPAC	Online Public Access Catalogue
OPAL	Optische Anschlussleitung
OPB	On-Chip Peripheral Bus
OPC	OLE for Process Control
OPC	Optical Photo Conductor
OPC	Optical Proximity Correction
OPC	Output Control
OPCAT	Object Process CASE Tool
OPD	Oberpostdirektion
OPD	Original Point of Distribution
OPD	Output Driver
OPEN	Optical Pan-European Network
OPI	Open Prepress Interface
OPI	Operator Interface
OPIC	Open Programmable Interrupt Controller
OPIE	Open Palmtop Integrated Environment
OPL	Open Publication License
OPM	Object Process Methodology
OPM	Operations Per Minute
OPM	Output Protection Management
OPML	Outline Processor Markup Language
OPN	Open Projects Network
OPP	Open Publication Policy
OPS	Online Programming and Simulation
OPS	Open Profiling Standard
OPSEC	Open Platform for Security
OPT	Open Protocol Technology
OPTA	Onafhankelijke Post en Telecommunicatie Autoriteit (NL)
OPUS	Octal Program Updating System
OPUS	Online Publikationsverbund der Universität Stuttgart
OPUS	Overlay Peer Utility Service
OPX	Off Premises Extension
OQL	Object Query Language
OQPSK	Offset Quadrature Phase Shift Keying

OR	Operations Research
ORACLE	Optional Reception of Announcement by Coded Line Electronics
ORB	Object Request Broker
ORBL	Open Relay Black List
ORDB	Open Relay Data Base
ORG	organizational; Internet-Domain: Organisationen in den USA
ORNL	Oak Ridge National Laboratory
OROM	Optical Read Only Memory
ORP	Open Router Project
ORS	Open Relay Server
ORS	Output Record Separator
ORSN	(European) Open Root Server Network
OS	Operating System
OS	Output Specification
OSA	Open Scripting/Services/Solutions/Storage/Systems Architecture
OSA	Open System Authentication
OSA	Optical Society of America
OSACA	Open System Architecture for Controls within Automation Systems
OSADL	Open Source Automation Development Laboratory
OSAF	Origin Subarea Address Field
OSBF	Open Source Business Foundation
OSC	On Scene Commander
OSC	Open System Center (IBM)
OSC	Operating System Command
OSCAR	Open System for Communication in Realtime
OSCAR	Orbiting Satellite Carrying Amateur Radio
OSCI	Online Services Computer Interface
OSD	Object-based Storage Device
OSD	On Screen Display
OSD	Open Software Description (Format)
OSD	Open Source Definition
OSDL	Open Source Development Lab/Labs, Oregon
OSE	Open Systems/Software Environment
OSF	Open Software Foundation
OSG	Open Science Grid
OSGI	Open Services Gateway Initiative
OSI	Open Source Initiative
OSI	Open Systems Interconnect/Interconnection (ISO)
OSIE	Open Systems Interconnection Environment
OSINLCP	OSI Network Layer Control Protocol

OSITOP	Open Systems Interconnection Technical and Office Protocols
OSL	Object Script Language
OSL	Open Subscription License
OSM	On Screen Menue
OSM	Operating System Specific/Service Module
OSNR	Optical Signal to Noise Ratio
OSNR	Optical Signal to Noise Ratio
OSO	Overscan Operation
OSPF	Open Shortest Path First (Internet)
OSPI	Operating System Programming Interface
OSPM	Operating System Power Management
OSQL	Object Structured Query Language
OSS	Object Storage Server
OSS	Open Sound System
OSS	Open Source Software/Solution
OSS	Operational/Operator Support System
OSSO	Open Source Solutions Operation (HP)
OST	Object Storage Target
OSTA	Optical Storage Technology Association
OSTG	Open Source Technology Group
OSTM	Open System Transaction Management
OSTP	Office of Science and Technology Policy
OSU	Officially Sanctionized User
OSU	Ohio/Oklahoma/Oregon/Oswego State University
OSU	On-orbit Serviceable Unit
OSU	Optical Scanning Unit
OSVS	Operating System Virtual Storage
OT	Object Technology
OT	Off Topic (Slang)
OT	Open Transport
OT	Ordering Table
OTA	Over The Air
OTA	US Congress Office of Technology Assessment
OTD	Optical Time Division
OTDM	Optical Time Division Multiplexer/Multiplexing
OTDR	Optical Time Domain Reflectometer
OTF	Open Token Foundation
OTF	Open Type Font
OTG	(USB) On The Go
OTI	Original Transmitter Identification

OTIST	One Touch Intelligent Secutity Technology
OTL	Out To Lunch (Slang)
OTM	On Time Marker
OTOH	On The Other Hand (Slang)
OTP	One-Time Pad/Password/Programmable
OTP	Open Trading Protocol
OTR	One Touch Record/Recording
OTRS	Open Ticket Request System
OTTH	On The Third Hand (Slang)
OUI	Organizationally Unique Identifier
OUM	Ovonic Unified Memory
OURS	Open Users Recommended Solutions
OV	Overflow
OVC	Over-Current Protection
OVL	Over-Load Protection
OVL	Overlay
OVP	Over-Voltage Protection
OVST	Ortsvermittlungsstelle
OVT	Over-Temperature Protextion
OWA	Outlook Web Access
OWAMP	One Way Active Measurement Protocol
OWFS	Optical WORM File System
OWG	Optical Waveguide
OWL	Object/Open Windows Library
OWL	One World Language
OWL	Online Web Library
OWL	Open Wire Line
OWL	Operational Web Link
OWL	Oracle Web Listener
OWL	Web Ontology Language (sic!)

P	Packet, Personal, Power, Project, Protocol, Public
P	Polynomial time
P2P	Peer To Peer
P2P	Private To Private
P3P	Platform for Privacy/Private Preferences
PA	Percentage of Allowable Aliasing Energy
PA	Power Amplifier
PA	Preamble

PA	Program/Project Administrator
PA	Provider Aggregated
PA	Public Address (System)
PAB	Policy Advisory Body (Internet)
PABX	Private Access/Automatic Branch Exchange
PAC	PCI AGP Controler
PAC	Perceptual Audio Coding
PAC	Player Access Control
PAC	PPTP Access Concentrator
PAC	Privilege Attribute Certificate
PACE	Partnership for Advanced Computing in Europe (PRACE)
PACE	Priority Access Control Enabled
PACI	Partnerships for Advanced Comptutational Infrastructure
PACS	Personal Access Communication System
PACS	Picture Archiving and Communications System
PACT	PBX and Computer Teaming
PACTOR	Packet Radio AMTOR
PACX	Private Automatic Computer Exchange
PAD	Packet Assembler and Dissassembler
PAD	Personal Aroma Diffusor
PAD	Personenauskunftsdatei
PADI	Packet Assembly Dissassembly
PADI	PPPoE Active Discovery Inititation
PADI	Protocol for Application Database Interface
PADL	Pattern Development Language
PADO	PADI Active Discovery
PADO	PPPoE Active Discovery Offer
PADR	PADO Active Discovery
PADR	Port A Data Register
PADR	PPPoE Active Discovery Request
PADS	Parallel And Distributed Systems
PADS	PPPoE Active Discovery Session(-confirmation)
PADS	Processing Arbitratry Data Streams
PADS	Processing of Analog and Digital Signals
PADS	Public Area Display System
PADT	PPPoE Active Discovery Terminate
PAE	Page/Physical Address Extension
PAGSI	Programme d'Action Gouvernemental pour la Societe de l'Information
PAID	Purchasing, Accepting, Invoicing, and Disbursing System
PAISY	Payroll And Information System

PAISY	Personalabrechnungs- und Informationssystem
PAK	Packet (Arcnet)
PAK	Product Authorization Key
PAL	Paradox/Programming Application Language
PAL	Phase Alternating Line/Loop (TV)
PAL	Privileged Architecture Library (DEC)
PAL	Programmable Array Logic
PAL	Protocol Adaptation Layer
PAL	Prototype Access Language
PALC	Plasma Addressed Liquid Crystal (Display)
PAM	Personal Application Manager
PAM	Physical Access Method
PAM	Pluggable Authentication Module/Modules
PAM	Puls Amplitude Modulation
PAMR	Public Access Mobile Radio
PAN	Personal Area Network/Networking (Profile)
PANU	Personal Area Network Unit
PAP	Password Authentication Protocol
PAP	Point Authorization Protocol
PAP	Printer Access Protocol
PAP	Programmablaufplan
PAP	Public Access Profile
PAPR	Power Architecture Platform Reference
PAR	Positive Acknowledgement with Retransmission
PAR	Project Authorization Request (IEEE)
PARC	Palo Alto Research Center (Xerox)
PARISC	Precision Architecture Reduced Instruction Set Computer
PARK	Public Access Rights Key
PARLE	Parallel Architectures and Languages Europe
PAS	Publicly Available Specifications
PASS	Picture Archiving and Sharing Standard
PAT	Page Attribute Table
PAT	Performance Acceleration Technique (Intel)
PAT	Port Address Translation
PAT	Program Association Table
PAT	Public Access Terminal
PATA	Parallel ATA
PATC	Page Address Translation Cache
PAX	Parallel Architecture Extended
PAX	Pixel Addressing Extension

PAX	Portable Archive Exchange
PAX	Public Access Xanadu
PB	Packet Bus
PB	Page Break/Buffer/Builder
PB	Pipeline/Pipelined Burst (cache)
PB	PowerBook (Macintosh)
PB	Printed Board
PB	Program Block
PB	Programs Branch
PB	Public Broadcasting
PB	Push Button
PBA	Printed Board Assembly
PBC	Peripheral Board Controller
PBC	Peripheral Bus Computer
PBC	Pipeline Burst Cache
PBC	Plain-text Block Chaining
PBC	Processor Bus Controller
PBC	Push-Button Configuration
PBDBM	Peripheral Backup Detailed Billing Control Element
PBDU	Protocol Bridge Data Unit
PBE	Prompt By Example
PBGA	Plastic Ball Grid Array
PBM	Pipelined Burst Mode
PBM	Port Bypass Module
PBM	Portable Bitmap
PBM	Position Based Multicast
PBN	Packet Based Network
PBNAC	Port Based Network Access Control
PBNSC	Peripheral Backup NSC Control Element
PBO	Paperless Business Office
PBO	Pixel Buffer Object
PBO	Port Based Object
PBO	Power Back Off
PBO	Process Before Output
PBO	Profiler Binary Output
PBO	Pseudo Boolean Optimization
PBOS	Processed Book Open Source
PBOS	Processed Book Operating System
PBP	Peer Binding Protocol
PBU	Page Buffer Unit

PBX	Private Branch Exchange
PC	Path Consistency/Control
PC	Personal Computer
PC	Pervasive Computing
PC	Primary Channel
PC	Program Counter
PC	Programmable Controller
PCA	Parallel Channel Adapter
PCA	Personal Client Architecture
PCA	Policy Certification Authority
PCA	Principal Component Analysis
PCB	Printed Circuit Board
PCB	Program Control Block
PCBC	Propagating Cipher Block Chaining
PCC	Papas Computer-Club
PCC	Peoples' Computer Company
PCC	Portable C Compiler
PCCH	Physical Control Channel
PCD	Photo Compact Disc
PCD	Plasma Coupled Device
PCD	POSIX Conformance Document
PCD	Protein Coated Disc
PCDATA	Parsed Character Data
PCE	Phase Change Erasable
PCF	Packaged Collaboration File
PCF	Parallel Computing Forum
PCF	Point Coordination Function
PCF	Portable Compiled Font
PCH	Paging Channel
PCI	Payment Card Industry
PCI	Peripheral Component/Controller Interface
PCI	Peripheral Component Interconnect (Bus)
PCI	Programmable Communication Interface
PCI	Protocol Control Information
PCIDSS	Payment Card Industry Data Security Standard
PCIE	Peripheral Component Interconnect Express (Bus)
PCIOS	Processor Common Input Output System
PCIPIO	PCI Programmable Input/Output
PCL	Primary Copy Locking
PCL	Printer/Procedure/Process Control Language

PCLAN	Personal Computer Local Area Network
PCM	Physical Connection Management
PCM	Plug Compatible Machine
PCM	Puls-Code-Modulation
PCMCIA	PC Memory Card International Association
PCN	Personal Communication Network
PCNFS	Personal Computer Network File System
PCP	Post's Correspondence Problem
PCP	Probabistically Checkable Proof
PCR	Peak Cell Rate
PCR	Phase Change Recording
PCRAM	Phase Change Random Access Memory
PCRE	Perl Compatible Regular Expression
PCS	PC Service (OSF)
PCS	Personal Communication Services/System
PCS	Personal Conferencing Specification
PCS	Physical Coding Signalling/Sublayer
PCS	Pinball Construction Set
PCS	Port Concentrator Shelf
PCS	Print Contrast Signal
PCS	Probabilistic Clock Synchronization
PCS	Program Control System
PCS	Project Control System
PCSA	Personal Computing Systems Architecture (DEC)
PCSC	Personal Computer Site Coordinator
PCSC	Personal Computer Smart/Sound Card
PCSC	Personal Computer/Computing Support Center
PCSC	Personal Communications Switching Center
PCSC	Pitch Corrected Speed Control
PCSP	Partial Constraint Satisfaction Problem
PCT	Private Communication Technology
PCTE	Portable Common Tool Environment
PCTS	POSIX Conformance Test Suite
PCTT	Physical Church Turing Thesis
PCWG	Personal Conferencing Work Group
PD	Page Directory
PD	Phase Change Dual
PD	Plug + Display, P+D (Interface)
PD	Protocol Driver
PD	Public Domain

PDA	Personal Digital Assistant (Apple)
PDA	Push Down Automaton
PDAP	Prospero Data Access Protocol
PDB	Process Data Base
PDB	Professional Disc for Broadcasting
PDB	Protection Database
PDC	Power Disc Cartridge
PDC	Primary Domain Controller
PDC	Professional Developer Conference
PDC	Program Development Computer/Council
PDCH	Physical Data Channel
PDD	Physical Device Driver
PDD	Portable Digital Document
PDD	Professional Disc for Data
PDE	Partial Differential Equation
PDES	Product Data Exchange Standard
PDF	POP Directional Formatting
PDF	Portable Document Format (Adobe)
PDF	Printer/Product Description File
PDF	Processor Defined Function
PDF	Program Development Facility
PDH	Plesiochronous Digital Hierarchy
PDI	Packet Driver Interface
PDI	Personal/Product Data Interchange
PDIAL	Public Dialup Internet Access List
PDIF	Product Definition Interchange Format
PDL	Page Description Language
PDL	Primary Defect List
PDL	Program Design/Description Language
PDL	Push Down List
PDLC	Polymer Dispersed Liquid Crystal
PDM	Product and Document Management
PDM	Product Data Management
PDM	Projekt- und Datenmanagement
PDM	Pulsdauer-Modulation
PDN	Public Data Network
PDO	Packet Data Optimized
PDO	Portable Distributed Object
PDO	Prozessdatenobjekt
PDP	Packet Data Protocol

PDP	Parallel Distributed Processing
PDP	Peer Dicovery Protocol
PDP	Plasma Display Panel
PDP	Policy Decision Point
PDP	Programmed Data Processor (DEC)
PDQ	Pretty Darned Quick (Slang)
PDR	Packet Drop Rate
PDR	Program Data Requirement
PDS	Packet Driver Specification
PDS	Partitioned Data Set
PDS	Processor Direct Slot (Apple)
PDS	Professional Development System
PDS	Program Design Specification
PDS	Public Domain Software
PDSL	Power Line Digital Subscriber Line
PDSS	Program/Post Development Support System
PDT	Portables Daten-Terminal
PDT	Programmable Drive Table
PDT	Produktionsdatentechnik
PDT	Propagation Delay Time
PDTE	Packet-mode DTE
PDU	Packet/Protocol Data Unit (OSI)
PDV	Path Delay Value
PE	Parity Error
PE	Periphere Einrichtung
PE	Phase Encoded/Encoding
PE	Physical Extent
PE	Processing Element
PE	Product/Professional/Project Engineer
PE	Protected Environment
PE	Protective Earth
PE	Provider Edge (device)
PEA	Pocket Ethernet Adapter
PEAP	Protected Extensible Authentication Protocol
PEARL	Process and Experiment Automation Realtime Language
PEB	Peripheral Extension Bus
PEB	Process Environment Block
PEBKAC	Problem Exists Between Keyboard And Chair (Slang)
PEC	Packet Error Checking
PECL	PHP Extension Code Libary

PEG	PCI Express for Graphics
PEL	Picture Element
PEM	Privacy Enhanced Mail
PEM	Privacy Enhancement for Electronic Mail
PEN	Private Enterprise Number
PEP	Packet Exchange Protocol
PEP	Packetized Ensemble Protocol
PEP	Pan European Paging
PEP	Peak Envelope Power
PEP	Point d'Echange de Proximite
PEP	Policy Enforcement Point
PEP	Protocol Extension Protocol
PER	Packet Error Rate
PERL	Practical Extraction and Report Language
PERM	Programmgesteuerte Elektronische Rechenanlage TH München
PERT	Program Evaluation and Review Technique
PES	Packetized Elementary Stream
PES	Position/Positioning Error Signal
PES	Processor Enhancement Socket
PES	Proposed Encryption Standard
PET	Personal Electronic Transactor (Commodore)
PET	Print Enhancement Technology
PEX	PHIGS Extension to X
PF	Packet Filter
PF	Process Flow (Analysis, Diagram)
PF	Punch Off
PFA	Power FORTRAN Accelerator
PFA	Predictive Failure Analysis
PFB	Postscript Font Binary
PFC	Power Factor Compensation/Correction
PFD	Programming Facility for Display Users
PFF	Packet Filtering Firewall
PFIR	People For Internet Responsibility
PFM	Postscript Font Metric
PFM	Pure Fantastic Magic (Slang)
PFN	Physical File Name
PFOS	Passive Fiber Optic Segment
PFR	Portable Font Resource
PFR	Power Fail Restart
PFS	Perfect Forward Secrecy

PFS	Portable File System
PFS	Professional File system (Amiga)
PFTP	Passive FTP
PFTP	Port File Transfer Program
PFW	Personal Firewall
PFY	Pimply-Faced Youth (BOFH's assistant)
PG	Program/Programme
PG	Project Gutenberg
PGA	Pin Grid Array
PGA	Professional Graphics Adapter
PGA	Program Global Area
PGC	Program Chain
PGE	PTE Global Flag
PGI	Parameter Group Identifier
PGL	Peer Group Leader
PGL	Professional Games League
PGM	Portable Gray Map
PGM	Pragmatic General Multicast (protocol)
PGML	Precision Graphics Markup Language
PGO	Profile Guided Optimization
PGN	Portable Game Notation
PGP	Pretty Good Privacy/Piracy/Protection
PH	Packet Handler
PH	Polynomial Hierarchy
PHB	Per Hop Behaviour
PHCB	Page Header Control Bit
PHIGS	Programmers Hierarchical Interactive Graphics System
PHOTON	Paneuropean Photonic Transport Overlay Network
PHP	Personal Home Page (Tools)
PHP	PHP Hypertext Preprocessor
PHS	Personal Handy-Phone System
PHY	Physical Access
PHY	Physical Layer Protocol
PI	Page Impression
PI	Parameter Identifier
PI	Partial Interchangeability
PI	Profibus International
PI	Program Identification/Interruption
PI	Protection Index
PIA	Peripheral Interface Adapter

PIA	Privacy Impact Assessment
PIC	Picture File
PIC	Platform for Internet Content
PIC	Position Independent Code
PIC	Primary Interexchange Carrier
PIC	Priority/Programmable Interrupt Controller
PIC	Programmable Integrated Circuit
PIC	Programmable Interconnection
PIC	Programmable Interrupt Controller
PICA	Personal Internet Client Architecture
PICMG	PCI Industrial Computers Manufacturers Group
PICS	Platform for Internet Content Selection
PICS	Protocol Implementation Conformance Statement
PICS	Protocol Interoperability Conformance Statment
PID	Persistant/Personal/Protocol Identifier
PID	Privater Informationsdienst
PID	Process/Protocol Identifier (Identification Number)
PIE	Persistent Identification Element
PIE	Position Independent Executable
PIF	Parity Inner Fails/Failures
PIF	Postscript Interchange Format
PIF	Program Information File (Microsoft)
PIFS	Point Coordination/PCF Inter Frame Space
PIG	Pathologischer Internet-Gebrauch
PII	Personally Identifiable Information
PIK	Programmer's Imaging Kernel
PIL	Python Imaging Library
PIM	Personal Information Manager/Management
PIM	Port Interface Module
PIM	Processor In Memory
PIM	Protocol Independent Multicasting
PIMF	Pair In Metal Foil (cable)
PIMS	Project Information Management System
PIN	Persönliche Identifikations-Nummer
PIN	Processor Independent NetWare
PIN	Program Item Number
PINET	Physics Information Network
PING	Packet Internet Groper
PINT	Phone IP Internetworking (Services)
PINT	PSTN and Internet Internetworking

PINX	Private Integrated Services Network Exchange
PIO	Parallel/Programmable/Programmed Input/Output (Chip)
PIOFS	Parallel I/O File System
PIP	P-Internet-Protocol
PIP	Path Independent Protocol
PIP	Peer Information Protocol
PIP	Periodical Informational Posting
PIP	Peripheral Interchange Program
PIP	Picture in Picture
PIP	Process Improvement Proposal
PIPI	Packet Interchange Protocol Instruction
PIPO	Parallel In, Parallel Out
PIR	Private Information Retrieval
PIR	Public Internet Registry
PIS	Personal-Informations-System
PIS	Premium Information Service
PISS	Public Information System Specialist
PIT	Programmable Interval Timer
PITA	Pine In The Ass (Slang)
PITAC	President's Information Technology Advisory Committee
PITR	Point-In-Time Recovery
PIU	Path Information Unit
PIU	Pathological Internet Use
PIW	Photo Imaging Workstation
PIXEL	Picture Element
PIXIT	Protocol Implementation Extra Informations for Testing
PJL	Printer Job Language
PK	Primary Key
PKC	Public Key Cryptography
PKCS	Public Key Cryptography Standards (Group)
PKI	Philips Kommunikationsindustrie AG
PKI	Personal/Public Key Infrastructure
PKV	Privatkundenvertrieb (Telekom)
PKZ	Personenkennziffer
PL	Payload Length
PL	Physical Layer
PL	Presentation Layer
PL	Private Line
PL	Programming Language
PLA	Partial Look Ahead

PLA	Programmable Logic Array
PLATO	Programmed Logic for Automatic Teaching Operations
PLB	Personal Locator Beacon
PLB	Processor Local Bus
PLC	Packet Loss Concealment
PLC	Power Line Communication/Converter
PLC	Product Lifecycle (Management)
PLC	Programmable Logic Controller
PLCC	Plastic Leadless Chip Carrier
PLCE	Peripheral and Loading Control Element
PLCP	Physical Layer Convergence Protocol
PLD	Programmable Logic Device
PLE	Programmable Logic Element
PLEDM	Phase-state Low Electron Drive Memory
PLIC	Programmable Logic Integrated Circuit
PLID	Plugin Identifier
PLIP	Parallel Line Internet Protocol
PLL	Permanent Logical Link
PLL	Phase Locked Loop
PLM	Product Lifecycle Management
PLM	Programming Language for Microcomputers
PLMN	Public Land Mobile Network
PLP	Packet Layer Protocol
PLP	Perl Page
PLP	Personal License Password
PLP	Portable Line Printer (spooler system)
PLP	Presentation Level Protocol
PLR	Packet Lost Ratio
PLS	Physical Layer Signaling
PLS	Programmable Logic Sequencer
PLSI	Programmable Large Scale Integration
PLT	Power Line Telecommunication
PLT	Procedure Linkage Table
PLUMPS	Public Long-distance Unified Mail Provider Service/System
PLV	Presentation/Production Level Video
PLZ	Postleitzahl
PM	Performance Management
PM	Phasenmodulation
PM	Physical Modeling
PM	Power Management

PM	Presentation Manager (IBM)
PM	Preventive Maintenance
PM	Private Mail
PM	Problem/Process/Project Management
PM	Protected Mode
PMA	Parked Member Addressing (Bluetooth)
PMA	Performance Management and Accounting
PMA	Physical Medium Attachment
PMA	Program Area
PMAC	Parallelizable Message Authentication Code
PMAC	Programmable Multi Axis Controller
PMAP	Port Mapper
PMC	Physical Media Components Sublayer
PMC	Programmable Machine Controller
PMD	Packet Mode Data
PMD	Physical Medium Dependence/Dependent (Layer)
PMD	Polarization Mode Dispersion
PME	Pattern Matching Engine
PME	Power Management Event
PMETC	Pardon Me, etc. (Slang)
PMFJIB	Pardon Me For Jumping In But (Slang)
PMI	Product Manufacturing Information
PMK	Pairwise Master Key
PML	Programmable Macro Logic
PMMU	Paged Memory Management Unit
PMOS	p-Channel MOS (Transistor)
PMP	Point to Multi Point
PMP	Process Management Portal
PMP	Protected Media Path
PMPO	Peak Music Power Output
PMR	Perpendicular Magnetic Recording
PMR	Private Mobile Radio
PMS	Pantone Matching System (Colours)
PMS	Password Management System
PMS	Printer Management Software
PMT	Program Map Table
PMTMR	Power Management Timer
PMTU	Path Maximum Transfer Unit
PMW	Project Manager Workbench
PMX	Presentation Manager for X

PMXAS	Primär-Multiplex-Anschluss (ISDN)
PN	Part/Path Number
PN	Phase Noise
PN	Punch On
PNA	Parallel Network Architecture
PNA	Personal Navigation Assistant
PNC	Paging Network Controller
PNCP	Peripheral Network Control Point
PND	Personennamendatei
PND	Portable Navigation Device
PNG	Portable Network Graphic
PNNI	Private Network/Node to Network Interface
PNO	Profibus-Nutzer Organisation
PNO	Public Network Operator
PNP	Positive Negative Positive (Transistor)
PNP	Plug and Play/Pray
PNR	Passenger Name Record
PNS	Post's Normal System
PNS	PPTP Network Server
PNW	Personal NetWare (Novell)
PO	Paper Out, Parity Odd
POA	Post Office Agent
POB	Post Office Box
POC	Phase-only Correlation
POC	Planned Organizational Change
POC	Point Of Call/Communication/Consistency/Contact
POC	Policy Oversight Committee (Internet)
POC	Portable Object Compiler
POC	Post Operative Constipation
POC	Power Converter
POC	Processor Outage Control
POC	Proof Of Concept
POC	Purchase Order Change
POC	Push-to-Talk Over Cellular (Phone)
POCE	Pantone Open Color Environment
POCSAG	Post Office Standardisation Advisory Group
POD	Piece Of Data
POD	Ping Of Death
POD	Plain Old Data/Documentation
POD	Point Of Demarcation/Deployment/Distribution

POD	Pop-up Directory
POD	Print/Printing/Publishing On Demand
POD	Processing Of Data
POD	Project Overview Document
POD	Protocol Object Device
PODA	Priority-Oriented Demand Assignment
POE	Power Open Environment (IBM)
POE	Power Over Ethernet
POEM	Portable Object-oriented Entity Manager
POET	Persistent Objects and Extended Database Technology
POET	Partially Overlapped Echo Cancelled Transmission
POF	Parity Outer Fails/Failures
POF	Plastic/Polymer Optical Fiber
POH	Path Section Overhead
POH	Power-on Hours
POI	Path Overhead Indicator
POI	Point Of Information/Interaction/Interconnection/Interest
POL	Point of Learning
POL	Problem Oriented Language
POM	Persistant Object Manager
POM	Project Object Model
PON	Passive Optical Network
POP	Point of Presence/Purchase
POP	Post Office Protocol (Internet)
POP	Probability Of Plagiarism
POPO	Post Office Protocol Object/Operator
POPS	Performance Optimized Page Size
POR	Pacific Ocean Region
POR	Power-on Reset
POS	Persistant Object Service/Simple
POS	Personal Operating Space
POS	Pivoting Optical Servo
POS	Point of Sale
POSE	Portable Operating System Extension
POSI	Promotion Conference for OSI, Japan
POSIX	Portable Operating System Interface for Computer Systems/UNIX
POST	Power-on Self Test
POT	Portable Object Template/Translation
POTS	Plain Old Telephone Service/System
POV	Persistence Of Vision

POV	Point Of View (Slang)
POWER	Performance Optimization/Optimized With Enhanced RISC (IBM/Motorola)
PP	Peering Point
PP	Physical Partition
PP	Portable Part
PP	Predictive Pipelining
PP	Protection Profile
PPA	Print Performance Architecture (HP)
PPB	Paced Packet Batch
PPC	Pay Per Click
PPC	Personal Productivity Center
PPC	Physical Presence Command
PPC	Power PC
PPC	Production Planning and Control
PPCS	Phoenix Page Control System
PPD	Postscript Printer Description (Adobe)
PPDS	Personal Printer Data Stream
PPF	Plain Paper Fax
PPF	Print Production Format
PPGA	Platic Pin Grid Array
PPH	Pages per Hour
PPI	pixels per inch
PPI	Programmable Peripheral Interface
PPID	Parent Process Identification Number
PPL	Point-to-Point/Process-to-Process Link
PPM	Parts per Mille
PPM	Pages per Minute
PPM	Perl Package Manager
PPM	Portable Pixmap
PPM	Post Programmable Memory
PPM	Prediction by Partial Matching
PPM	Process Performance Manager
PPM	Pulse Position Modulation
PPN	Private Packet Network
PPP	Point-to-Point Protocol (Internet)
PPPOE	Point-to-Point Protocol Over Ethernet
PPRC	Peer-to-Peer Remote Copy
PPS	Point of Presence Server
PPS	Precise Positioning Service/System
PPS	Production Planning System

PPS	Programming Procedures and Standards
PPS	Pulse Per Second
PPTP	Point to Point Tunneling Protocol
PPU	Physics Processing Unit
PPUC	Probably Permanently Under Construction (Web, Slang)
PQET	Print Quality Enhancement Technology
PQN	Prefix Query Notation
PR	Pacing Response
PR	Packet Radio
PR	Page Rank
PR	Path Replacement
PR	Perpendicular Recording
PR	Primitive Recursive (function)
PR	Public Relations
PRA	Primary Rate Access
PRA	Purported Responsible Address
PRACE	Partnership for Advanced Computing in Europe (PACE)
PRAM	Parallel/Perimeter/Phase Change Random Access Memory
PRCS	Project Revision Control System
PRD	Program Requirements Document
PRDMD	Private Directory Management Domain
PRE	Partial Redundancy Elimination
PREP	PowerPC Reference Platform
PRF	Pulse Repetition Frequency
PRI	Primary Rate Interface (ISDN)
PRIG	Packet Radio Interest Group
PRISM	Parallel Reduced Instruction Set Multiprocessor
PRISM	Publishing Requirements for Industry Standard Metadata
PRMD	Private Management Domain (X.400)
PRML	Partial Response Maximum Likelihood
PRMS	Problem Report Management System
PRN	Packet Radio Network
PRN	Permanent/Pseudo Random Number
PRN	Printer
PRN	Pseudo Random Noise (GPS)
PRNET	Packet Radio Network
PRNG	Pseudo Random Number Generator
PRO	Precision RISC Organization
PROFS	Professional Office System (IBM)
PROLOG	Programming in Logic

PROM	Programmable Read Only Memory
PRP	Peer Resolver Protocol
PRQ	Preisrequest
PRS	Print Management Service (OSF)
PRTI	Professional Realtime Interface
PS	Packet Switch
PS	Personal System (IBM)
PS	(Adobe) PostScript
PS	Power Supply
PS	Privilege Service
PS	Program Service Name
PS	Program Stream
PS	Proportional Spacing
PSA	Physical Sector Address
PSABI	Processor Specific Application Binary Interface
PSAP	Public Safety Answering Point
PSB	Path State Block
PSC	Physical Signaling Components Sublayer
PSC	Pittsburgh Supercomputer Center
PSC	Print Scan Copy
PSC	Product Service Center
PSCN	Program Support Communications Network
PSCT	Polymer Stabilized Cholesteric Texture (Display)
PSD	Page Setup Dialogue
PSD	Platform Specific Driver
PSD	Power Saving Drive
PSD	Power Spectral/Spectrum Density
PSDS	Power Spectral/Spectrum Density Shaping
PSDN	Packet/Public Switched/Switching Data/Digital Network
PSE	Packet Switching Exchange
PSE	Page Size Extension
PSE	Path Switching Element
PSE	Personal Security Environment
PSE	Personen-Such-Einrichtung
PSE	Port Switched Ethernet
PSF	PC Screen Font
PSF	Permanent Swap File
PSFQ	Pump Slowly, Fetch Quickly
PSI	Packetnet System Interface
PSI	Postscript Interpreter

PSK	Phase Shift Keying
PSK	Pre-Shared Key
PSL	Problem Statement Language
PSN	Packet Switch Node
PSN	Processor Serial Number
PSNR	Peak Signal to Noise Ratio
PSO	Protocol Supporting Organization
PSP	(Corel) Paint Shop Pro
PSP	Pascal/Python Server Pages
PSP	Personal Software Process
PSP	Program Segment Prefix
PSP	Programmable Signal Processor
PSP	Projektstrukturplan
PSPDN	Packet Switched Public Data Network
PSR	Parallel/Processor/Project Software
PSR	Phase Shift Resistivity
PSR	Physical Storage Resource
PSR	Power/Processor/Program State/Status Register
PSR	Prescaler Select Register
PSR	Priority Service Request
PSR	Program Support Requirements
PSR	Programmable Scanner
PSR	Project Status Report
PSRAM	Pseudo Static Random Access Memory
PSS	Private Signalling System
PSSC	Preliminary System Security Concept
PST	Pre-Structured Technology
PSTN	Public Switched/Switching Telephone Network
PSU	Page Storage Unit
PSU	Power Supply Unit
PSW	Program Status Word
PSYC	Protocol for Synchronous Conferencing
PT	Packet/Payload Type
PT	Page Table
PT	Payload Type
PTAL	Payment Transaction Application Layer
PTB	Physikalisch-Technische Bundesanstalt, Braunschweig
PTBR	Page Table Base Register
PTBT	Prime Times, Bad Times
PTBT	Probabilistic Timed Behaviour Tree

PTD	Parallel Transfer Disk Drive
PTE	Page Table Entry
PTF	Program Temporary Fix
PTF	Pthread Framework
PTI	Payload Type Identifier/Indicator
PTMP	Point To Multi Point (Connection)
PTMSC	Point To Multipoint Service Centre
PTN	Plant Test Number
PTO	Patent and Trademark Office, USA
PTO	Please Turn Over (Slang)
PTO	Public Telecommunication Network Operator
PTP	Point To Point (Connection)
PTR	Pointer Record (DNS)
PTS	Post- och Telestyrelsen
PTS	Presentation Time Stamp
PTS	Problem Tracking System
PTSE	PNNI Topology State Element
PTT	Post, Telephon, Telegraph
PTT	Push To Talk (key)
PTY	Program Type
PTZ	Posttechnisches Zentralamt, Darmstadt
PU	Physical/Processing Unit
PUC	Public Utility Commission
PUI	Picoscopic User Interface
PUK	Personal Unblocking Key
PUL	Packet Underway Limit
PUMA	Protected User-Mode Audio
PUO	Prohibited User Operation
PUP	PARC Universal Packet (Protocol)
PUP	Product Upgrade
PUPA	Preliminary Universal Programming Architexture (for GRUB)
PUPM	Price per User Per Month
PUPS	PDP UNIX Preservation Society
PURL	Persistent Uniform Resource Locator
PUS	Potenziell unerwünschte (unwanted) Software
PUS	Processor Upgrade Socket
PV	paketvermittelt
PV	Physical Volume
PVA	Patterned Vertical Alignment (panel)
PVC	Permanent Virtual Channel/Circuit/Connection

PVFS	Parallel Virtual File System
PVM	Parallel/Passthru Virtual Machine (IBM)
PVN	Private/Programmable Virtual Network
PVP	Protected Video Path
PVR	Permanent Virtual Route
PVR	Personal Video Recorder
PVR	Physical Volume Repository
PVRA	Physical Volume Reserved Area
PVS	Potentially Visible Set
PVS	Professional Vision Services
PVT	Position, Velocity, Time (GPS)
PVV	Path Variability Value
PW	Pseudo Wire
PWB	Printed Wire Board
PWB	Programmer's Workbench
PWI	Public Windows Initiative/Interface
PWL	Password List
PWM	Pulse Width Modulation, Pulsweitenmodulation
PWP	Phase Wobble Prepit
PWR	Power (Saft)
PWS	Personal Workstation
PWSCS	Programmable Workstation Communication Services
PXE	Preboot Execution Environment
PXI	PCI Extension for Instrumentation
PXISA	PXI Systems Alliance
PZF	Pseudozufallsfolge
PZM	Punkt-zu-Mehrpunkt (-Verbindung, ISDN)
PZP	Punkt-zu-Punkt (-Verbindung, ISDN)

Q	Quality, Query, Queue
QA	Quality Assurance/Audit
QA	Query Analyser
QA	Questions and Answers, Q&A
QAM	Quadraturamplitudenmodulation
QARE	Quick Agent Runtime Environment
QAWN	QoS in Ad hoc Wireless Networks
QBE	Query By Example
QBF	Query By Forms
QBIC	Query by Image Content

QBM	Quad Band Memory
QCA	Quantum-dot Cellular Automaton
QCB	Queue Control Block
QCIF	Quarter Common Intermediate Format
QD	Quad Density, Quick Disconnection
QDL	Quadri Data Layer
QDR	Quad Data Rate
QES	Qualifizierte elektronische Signatur
QFA	Quick File Access
QFD	Quality Function Deployment
QFP	Quadratic Flatpack
QFP	Questions Frequent/Frequemment Posees
QFT	Queued File Transport
QIAM	Queued Indexed Access Method
QIC	Quality Insurance Chain
QIC	Quarter Inch Cartridge/Committee
QID	Quanteninformationsdynamik
QISAM	Queued Index Sequential Access Method
QL	Query Language
QLLC	Qualified Logical Link Control
QLP	Query Language Processor
QM	Quality Management
QMF	Query Management Facility
QMR	Quarterly Maintenance Release
QMS	Quality Management System
QMTP	Quick Mail Transfer Protocol
QNN	Quantum Neural Network
QOS	Quality of Service
QPI	QuickPath Interconnect/Interface
QPL	Q Public License (Trolltech)
QPL	Quantum/Questionaire Programming Language
QPSK	Quadrature/Quaternary Phase Shift Keying
QRI	Queue Response Indicator
QRSS	Quasi Random Signal Source
QS	Qualitätssicherung
QSA	Qt Script for Applications
QSAM	Queued Sequential Access Method
QSDPCM	Quadtree-strukturierte Differenz-Puls-Code-Modulation
QSIG	Quersignalisierung
QSIG	Unified International Corporate Network Signalling Standard

QSMTP	Queued SMTP
QSND	Queue Send (command)
QST	Calling All Stations (not an acronym)
QST	Qualified Software Tester
QST	Qualitäts- und Sicherheitstechnik
QST	Quick Start Tutorial
QST	Quiet System Technology (Intel)
QTAM	Queued Teleprocessing Access Method
QTD	Quote of The Day
QTML	Quicktime Media Layer
QUED	Quick Editor
QUIP	Query Interactive Processor
QUISAM	Queued Index Sequential Access Method
QWERTY	(US Typewriter Layout)
QWERTZ	(German Typewriter Layout)
QXML	QuarkXPress Markup Language

R	Radio, Real, Receive, Reference, Remote
RA	Radiocommunications Agency
RA	Random Availability
RA	Receiver Address
RA	Regulärer Ausdruck
RA	Repository Access
RA	Return Authorization
RA	Router Advertisement
RAB	RAID Advisory Board
RAC	Radio Amateurs of/du Canada
RAC	Real Application Cluster (Oracle)
RAC	Remote Access Concentrator
RACE	Research And Development in Advanced Communication Technologies in Europe
RACE	Row-based ASCII Compatible Encoding
RACF	Resource Access Control Facility (IBM)
RACH	Random Access Channel
RACKS	Reusable Application Interface for Communicating Real-Time Kernels
RACON	Radar Beacon
RAD	Rapid Application Development
RADAR	Radio Detecting and Ranging
RADB	Routing Arbiter Data Base
RADIUS	Remote Access/Authentication Dial-In User Service

RADSL	Rate Adaptive Digital Subscriber Line
RAEBNC	Read And Enjoyed, But No Comment (Slang)
RAG	Row Address Generator
RAI	Remote Alarm Indication
RAID	Redundant Array of Inexpensive/Independent Discs
RAK	Regeln für die alphabetische Katalogisierung
RAL	Rutherford Appleton Laboratory, UK
RALU	Register Arithmetic Logic Unit
RAM	Random Access Machine/Memory
RAM	Rate Adaptive Mode
RAM	Rechargeable Alcali Mangan (battery)
RAMDAC	Random Access Memory Digital Analog Converter
RAMP	Remote Access Maintenance Protocol
RAMPS	Reliability, Availability, Manageability, Performance, Serviceability
RAND	Reasonable and Non-Discriminatory (License)
RAO	Remote Access Outsourcing
RAOLSR	Radio Aware Optimized Link State Routing
RAP	Radio Local Loop Access Profile
RAP	Rapid Application Prototyping
RAP	Rogue Access Point
RAP	Route Access Protocol
RAP	Roving Analysis Port
RAR	Roshal Archiver
RARE	Reseaux Associes pour la Recherche Europeenne
RARP	Reverse Address Resolution Protocol (Internet)
RAS	Random Access Storage
RAS	Registration, Admission, and Status
RAS	Reliability, Availability and Serviceability
RAS	Remote Access Server/Service
RAS	Row Address Select/Strobe
RASMED	Redundant Array of Slightly More Expensive Disks
RAST	Receive and Send Terminal
RASUM	Reliability, Availability, Serviceability, Usability, Manageability
RATP	Reliable Asychronous Transfer Protocol (Internet)
RATS	Radio Amateur Telecommunications Society
RATS	Rough Auditing Tool for Security
RAVE	Renderer Acceleration Virtual Machine
RAW	Read After Write
RBAC	Role Based Access Control
RBAM	Remote Batch Access Method

RBBS	Remote Bulletin Board System
RBER	Residual Bit Error Rate
RBL	Realtime/Remote Black/Blackhole List
RBM	Rule Base Memory
RBOC	Regional Bell Operating Company
RBS	Reference Broadcast Synchronization
RBW	Resolution Bandwidth
RBW	Reverse Band Working
RBW	Roll Back Version
RC	Reaction Controller
RC	Receive Common
RC	Receiver Clock
RC	Reconfigurable Computing
RC	Release Candidate/Critical
RC	Replica Catalog
RC	Rivest Cipher
RC	Run Command
RCA	Radio Corporation of Amerika, USA
RCA	Ripple Carry Adder
RCB	Release Critical Bug
RCC	Radio Common Carrier
RCC	Reduced Complexity Computer
RCC	Remote Cluster Controller
RCC	Rescue Coordination Centre
RCC	Routing Control Center/Channel
RCD	Recordable Compact Disc
RCDATA	Replaceable Character Data
RCE	Region Code Enhancement
RCE	Revision Control Engine
RCEVH	Research Centre for the Education of the Visually Handicapped
RCF	Registration Confirmation
RCLK	Rack Clock
RCP	Radio Control Protocol
RCP	Reality Immersion Coprocessor
RCP	Retransmission Control Procedure
RCS	Record Communication Switching System
RCS	Resource Construction Set
RCS	Revision Control System
RCS	Rights Control System
RCU	Read, Copy, Update

RCV	Receive
RD	Receive Data
RD	Recursive Design
RD	Request Disconnect
RD	Resource Discovery
RD	Route Distinguisher
R&D	Research and Development
RDA	Remote Data/Database Access
RDAT	Rotary Digital Audio Tape
RDB	Receive Data Buffer
RDB	Relational Database
RDBMS	Relationales Datenbank-Management-System
RDC	Remote Dual Copy
RDCCG	Regional Data and Computing Center Germany, Karlsruhe
RDD	Replaceable Database Driver
RDE	Ruby Development Environment
RDF	Resource Definition/Description Format/Framework
RDH	RSA DES Hybrid
RDL	Register Description Language
RDMA	Remote Direct Memory Access
RDN	Relative Distinguished Name
RDO	Remote Data Object
RDOS	Real-time Disk Operating System
RDP	Reliable Datagram Protocol (Internet)
RDP	Remote Desktop Protocol
RDR	Rijksdienst voor Radiocommunicatie
RDRAM	Rambus Dynamic Random Access Memory
RDRN	Rapidly Deployable Radio Network
RDS	Radio Data System
RDS	Rapid Development System
RDS	Remote Data Services
RDS	Resolver Discovery Service
RDSL	Rate-adaptive/Residential/Reverse Digital Subscriber Line
RDSR	Receiver Data Service Request
RDSS	Radio Determination Satellite Services
RDST	Rotating Head Digital Storage Tape
RDTSC	Read Time Stamp Counter
RE	Recall
RE	Regular Expression
RE	Report Engine

RE	Recursively Enumerable
RE	Reverse Engineering
REACH	Registration, Evaluation, and Authorization of Chemicals
READSL2	Reach Enhanced ADSL2
RED	Random Early Detection
REG	Regular Languages
REGTP	Regulierungsbehörde für Telekommunikation und Post
REJ	Reject
REKO	Reparatur-Konzept (Swisscom)
REL	Rights Expression Language
REM	Remark
REM	Remote
REM	Reseau d'Enseignement Multimedia
REM	Ring Error Monitor
REO	Removable Erasable Optical Disk
REP	Reply to Message Number
REP	Robots Exclusion Protocol
REQ	Request
RES	Radio Equipment and Systems
RES	Remote Execution Server/Service
RES	Reset, Restore
RES	Rotation Error Signal
REST	Representational State Transfer
RESV	RSVP Reservation Request
RET	Resolution Enhancement Technology (HP)
REXX	Restructured Extended Executor (IBM)
RF	Radio Frequency
RF	Relevance Feedback
RF	Remote File
RF	Royalty Free (License)
RFA	Remote File Access
RFA	Request For Adoption (Debian)
RFB	Remote Frame Buffer
RFC	Remote Function Call
RFC	Request For Comments (Internet)
RFC	Response For a Class
RFD	Request For Discussion (Usenet)
RFE	Radio Free Ethernet
RFE	Request For Enhancement
RFH	Remote Frame Handler

RFI	Radio Frequency Interference
RFI	Request For Information
RFID	Radio Frequency Identification
RFLA	Real Full Look Ahead
RFNM	Ready/Request For Next Message
RFP	Radio Fixed Parts
RFP	Request For Packaging (Debian)
RFP	Request For Proposal
RFQ	Request For Quotation/Quote
RFS	Remote File Sharing/System
RFS	Remote Forensic Software
RFT	Request For Technology (OSF)
RFT	Revisable Format Text
RFU	Reserved for Future Use
RG	Radio Guide (coax cables)
RGB	Rot (Red), Grün (Green), Blau (Blue) (Farbmodell)
RGBA	Rot (Red), Grün (Green), Blau (Blue), Alpha (Farbmodell)
RGDI	Renaissance Graphics Device Interface
RGP	Raster Graphics Processor
RG/U	Radio Guide/Utility (Kabel)
RH	Request/Response Header
RH	Registration Hierarchy
RHAD	Red Hat Advanced Development (Laboratories)
RHC	Regional (Bell) Holding Company
RHCE	Red Hat Certified Engineer
RHCS	Red Hat Cluster Suite
RHEL	Red Hat Enterprise Linux
RHN	Red Hat Network
RHNT	Registration Hierarchical Name Tree
RHOB	Relevant Hierarchical Operational Binding
RHS	Right Hand Side
RHSA	Red Hat Security Advisory
RI	Referential Integrity
RI	Ring In/Indicator
RIA	Red Ink Award
RIA	Rich Internet Application(s)
RIA	Robot Institute of America
RIAA	Recording Industry Association of America
RIAS	Rundfunk Im Amerikanischen Sektor, Berlin
RIB	RenderMan Interface Bytestream

RIB	Routing Information Base
RIC	Radio Identify Code
RID	Relative Identifier
RID	Retinal Imaging Display
RIF	Radio/Renderman Interface
RIF	Record Identifier
RIF	Regional/Resource Information
RIF	Resource Interchange File
RIF	Routing Information Field/Frame
RIF	Rule Information
RIF	Rule Interchange Format
RIFF	Resource Interchange File Format
RII	Ring/Routing Information Indicator
RIM	Records and Information Management
RIM	Remote Installation and Maintenace
RIM	Request Initialization Mode
RIMM	Rambus In-line Memory Module
RIMS	Ranging Integrity Monitoring Station
RIP	Raster Image Processor
RIP	Request In Progress
RIP	Routing Information Protocol
RIP	Remote Image/Imaging Protocol/Processing
RIPE	Reseaux IP Europeenne
RIPL	Remote Initial Program Loading
RIPNG	Routing Information Protocol Next Generation
RIPSO	Revised Internet Protocol Security Option
RIR	Regional Internet Registry
RIS	Remote Installation Services
RISC	Reduced Instruction Set Code/Computer
RITA	Reduced Interim Type Approval
RITA	Reliable Internetwork Troubleshooting Agent
RJ	Registered Jack
RJE	Remote Job Entry (IBM)
RJS	Remote Job Service
RKE	Remote Keyless Entry
RKO	Root Key Operator
RL	Real Life (Slang)
RL	Reconfigurable Logic
RL	Remote Loopback
RLC	Radio Link Control

RLC	Run Length Coding
RLE	Research Laboratory of Electronics
RLE	Run Length Encoded/Encoding
RLF	Reverse Line Feed
RLG	Research Libraries Group
RLIN	Research Libraries Information Network (RLG)
RLL	Radio in the Local Loop
RLL	Row Level Locking
RLL	Run Length Limited
RLM	Receiver-driven Layered Multicast
RLM	Robotic Library Manager
RLM	Robust Linear Model
RLMT	Redundant Link Management Technology
RLN	Remote LAN Node
RLP	Radio Link Protocol
RLP	Resource Location Protocol
RLS	Remote Learning System
RLSD	Received Line Signal Detected
RLV	Ringleitungsverteiler
RM	Reference Model
RM	Resource Management
RM	Retention Module
RMA	Rate Monotonic Analysis
RMA	Remote Memory Access
RMC	Radio Monte Carlo
RMC	Rambus Memory Controller
RMC	Resource Monitoring and Control
RMF	Remote Management Facility
RMI	Remote Method Invocation
RMII	Reduced Media Independent Interface
RMOA	Realtime Multimedia Over ATM
RMON	Remote (Network) Monitoring
RMP	Radio Management Panel
RMP	Random Match Probability
RMP	Reliable Multicast Protocol
RMP	Remote Maintenance Panel/Processor
RMP	Resource Management Plan/Program/Project
RMS	RAID Management Software
RMS	Rate Monotonic Scheduling
RMS	Reason Maintenance System

RMS	Record/Resource Management Services/System
RMS	Replica Management System
RMS	Richard Matthew Stallman
RMS	Root Mean Square
RMT	Reliable Multicast Transport
RMT	Ring Management
RNA	Remote Network Access
RNA	Rufnummernanzeige
RNARS	Royal Navy Amateur Radio Society
RNC	Radio Network Controller
RNG	Random Number Generator
RNI	Reseau National d'Interconnexion de Renater
RNIS	Reseau Numerique a Integration de Services
RNR	Receive Not Ready (frame)
RNRT	Reseau National de Recherche en Telecommunications
RNSI	Remote Node Service for ISDN
RO	Read Only
RO	Ring Out
ROADS	Resource Organization And Discovery in Subject-based services
ROADS	Running Out of Address Space
ROBO	Remote Office Branch Office
ROC	Restricted Operators Certificate
RODPO	Reading on Demand - Paper Option (vulgo Buch)
ROFBTC	Rolling On the Floor Biting The Carpet (Slang)
ROFL	Rolling On the Floor Laughing (Slang)
ROFLASTC	Rolling On the Floor Laughing And Scaring The Cat (Slang)
ROFLMAO	Rolling On The Floor Laughing My Ass Off (Slang)
ROHC	Robust Header Compression
ROHS	Restriction Of the use of certain Hazardous Substances in Electric and Electronic
ROI	Rectangle/Region Of Interest
ROI	Return Of Investment
ROKSO	Register Of Known Spam Operations
ROLAP	Relational Online Analytical Processing
ROLZ	Reduced Offset Lempel Ziv (Algorithmus)
ROM	RAID On the Motherboard
ROM	Read Only Memory
RONJA	Reasonable Optical Near Joint Access
ROP	RISC Operation
ROPES	Rapid Object Oriented Process for Embedded Systems
ROPS	Remote Operations Service

ROS	Record On Silicon
ROS	Remote Operation Service
ROS	Resident Operating System
ROSA	Receive Only Satellite Antenna
ROSE	RATS Open System Environment
ROSE	Research Open Systems for Europe
ROSE	Remote Operations Service Element/Entity
ROTD	Release Of The Day
ROTFL	Rolling On The Floor Laughing (Slang)
ROW	Rest Of the World
RP	Radio Paging
RP	Randomized Polynomial time
RP	Rendezvous Point
RPA	Remote Passphrase Authentication
RPB	Radio-Praktiker-Bücherei
RPB	Reverse Path Broadcasting
RPC	Radio Paging Call
RPC	Regional Playback Control
RPC	Remote Procedure Call
RPC	Root Path Cost
RPD	Rapid Prototyping Development
RPDB	Routing Policy Database
RPDFP	Remote Physical Device Finger Printing
RPELPC	Regular Pulse Excited Linear Predictive Coder
RPELTP	Regular Pulse Excitation with Long-Term Prediction Loop
RPF	Reverse Path Forwarding
RPG	Record Program Generator (IBM)
RPL	Requested Privilege Level
RPL	Resident Programming Language
RPM	Radio Packet Modem
RPM	Rapid Prototyping Module
RPM	Red Hat Package Manager
RPM	Revolutions per minute
RPN	Reverse Polish Notation
RPPROM	Reprogrammable PROM
RPS	Redundant Power Supply
RPS	Remote Procedure Services
RPSL	Routing Policy Specification Language
RPSU	Redundant Power Supply Unit
RPU	Ray Processing Unit

RQBE	Relational Query By Example
RQST	Request
RR	Radio Regulations
RR	Real Reality
RR	Receive/Receiver Ready
RR	Resource Record (DNS)
RR	Round Robin
RRA	Remote Record Access
RRAS	Routing and Remote Access Service
RRC	Radio Resource Control
RRD	Round Robin Database
RRG	Reichsrundfunkgesellschaft
RRI	Resource Recovery Interface
RRIP	Rock Ridge Interchange Protocol
RRJ	Registration Reject
RRLP	Radio Resource LCS Protocol
RRO	Radial Run Out
RRP	Registry Registrar Protocol
RRQ	Registration Request
RRT	Radar Range Tracking
RRT	Radio Receiver Transmitter
RRT	Radio Relay Terminal
RRT	Random/Randomized Response Technique
RRT	Range Router Table
RRT	Rapid Reprogramming Terminal
RRT	Recommended Replacement Time
RRT	Request Response Trace
RRT	Routing Request Timer
RRZN	Regionales Rechenzentrum Niedersachsen, Hannover
RS	Reader Stop
RS	Recommended Standard
RS	Record Separator
RS	Reed Solomon (Code)
RS	Registry Service
RS	Request to Send
RS	Route Server
RS	Router Solicitation
RS232	Recommended Standard 232 (Norm für serielle Schnittstelle)
RSA	Rivest, Shamir, Adleman
RSAC	Recreational Software Advisory Council

RSB	Repair Service Bureau
RSB	Reservation State Block
RSBAC	Rule Set Based Access Control
RSCS	Remote Spooling and Communications Subsystem
RSCV	Route Selection Control Vector
RSDP	Root System Description Pointer
RSDT	Root System Description Table
RSE	Register Stack Engine
RSET	Reset
RSFQ	Rapid Single Flux Quantum (Logic)
RSI	Repetitive Strain Injury
RSIP	Realm Specific Internet Protocol (parameter)
RSIS	Relocateable Screen Interface Specification
RSL	Radio Signaling Link
RSL	Received Signal Level
RSL	Registry Size Limit
RSL	Request and Status Link
RSL	Reserve Static Line
RSL	Resilient Server Link
RSL	Resource Specification Language
RSMLT	Routed Split Multi Link Trunking
RSN	Real Soon Now (Slang)
RSN	Russian Security Newsline
RSOH	Regenerator Section Overhead
RSP	Required Space Character
RSPC	Reed Solomon Product Code
RSPCWS	Royal Society for the Prevention of Cruelties to Web Surfers
RSRB	Remote Source Route Bridging
RSS	Radio Subsystem
RSS	RDF Site Summary
RSS	Really Simple Syndication
RSS	Resident Set Size
RSS	Rich Site Summary
RSSAC	Root Server System Advisory Committee
RSSI	Received Signal Strength Indication
RST	Readability, Signal Strength, and Tone
RST	Receive Start Threshold
RST	Reset and Restart
RSTE	Regenerator Section Terminating Equipment
RSTP	Rapid Spanning Tree Protocol

RSTS	Resource Sharing and Time Sharing
RSTV	Rundfunkstaatsvertrag
RSVD	Reserved
RSVP	Resource Reservation Setup Protocol
RSX	Real Time Resource Sharing Executive
RT	Radio Text
RT	Real/Run Time
RT	Receive Timing
RT	RISC Technology
RTA	Runder Tisch Amateurfunk
RTAI	Real Time Application Interface
RTAM	Remote Terminal Access Method
RTAS	Run-Time Abstraction Services
RTB	Regional Testbed
RTC	Real Time Clock
RTC	Return To Control
RTC	Reseaux Telphoniques Commutes
RTCA	Radio Technical Commission for Aeronautics
RTCM	Radio Technical Commission for Maritime Services
RTCP	Realtime Transport Control Protocol
RTDL	Real-Time Data Link
RTE	Real-Time Enterprise
RTE	Right to Left Embedding
RTEID	Real Time Executive Interface Definition
RTEL	Reverse Telnet
RTEMS	Real Time Executive for Military/Multiprocessor Systems
RTEMS	Real Time Energy Management Solutions
RTF	Rich Text Format
RTFAQ	Read The FAQ (Slang)
RTFB	Read The Funny Binary (Slang)
RTFF	Read The Fantastic FAQ (Slang)
RTFM	Read The Fine/Fantastic/Funny ... Manual (Slang)
RTFS	Read The Funny Source (Slang)
RTK	Real Time Kernel
RTK	Real-Time Kinematic Positioning
RTL	Register Transfer Level
RTL	Resistor Transistor Logic
RTL	Run Time Library
RTLS	Real Time Locating System
RTM	Read The Manual (Slang)

RTM	Real Time Modeling
RTM	Release To Manufacturing
RTM	Response Time Monitor
RTMP	Routing Table Maintenance Protocol
RTNR	Real-Time Network Routing
RTO	Retransmission Timeout
RTOS	Real Time Operating System
RTP	Rapid Transport Protocol
RTP	Realtime Transport Protocol
RTP	Regulierungsbehörde für Telekommunikation und Post
RTP	Rendezvous and Termination Protocol
RTP	Realtime Transport Protocol (Internet)
RTR	RARE Technical Report
RTS	Ready/Request To Send
RTS	Real Time System
RTS	Reliable Transfer Service
RTS	Remote Telnet Service
RTS	Request To Send
RTSE	Reliable Transfer Service Element (OSI)
RTSP	Realtime Signal Processor
RTSP	Realtime Streaming Protocol
RTSPS	Realtime Streaming Protocol Secure/Server/Service/Specification
RTSPU	Realtime Streaming Protocol Unreliable
RTT	Resonant Tunneling Transistor
RTT	Round-Trip Time
RTTI	Run Time Type Information/Identification
RTTY	Radio Teletype (Funkfernschreiben)
RTV	Real Time Video
RTWFQ	Read The Whole Fantastic Question (Slang)
RU	Request/Response Unit
RUA	Remote User Agent
RUC	Reservation Upon Collision (Scheme)
RULL	Rechnerunterstütztes Lehren und Lernen
RUM	Rechenzentrum Universität Mannheim
RUOK	Are You Ok (Slang)
RUP	Rational Unified Process
RUS	Rechenzentrum der Universität Stuttgart
RUSH	Remote Use of Shared Hardware
RV	Real Virtuality
RV	Rotational Vibration

RVI	Reverse Interrupt
RVL	Ringverteilungsleiter
RVML	Rich Vector Markup Language
RVP	Rendezvous Protocol
RVS	Rotational Vibration Safeguard
RVSA	Remote Variant Selection Algorithm
RW	Rewritable
RWB	Responsive Workbench
RWI	Reset Window Indicator
RWI	Reversed Word Index
RWM	Read Write Memory
RWP	RIP While Printing
RWS	Rufweiterschaltung
RWT	Random Walk Theory
RWTH	Rheinisch-Westfälische Technische Hochschule, Aachen
RX	Receive Data
RX	Receiver
RXC	Receive Clock
RXD	Received Data
RYS	Read Your Screen (Slang)
RZ	Rechenzentrum
RZ	Return to Zero
RZG	Rechenzentrum Garching (MPG)
RZM	Root Zone Maintainer

S	Service, Signal, Standard, Synchron, System
S	Signal Timing
S	Steuerleitung
S2M	ISDN Wählverbindung 2 Mbit/s
SA	Security Association
SA	Selective Availability (GPS)
SA	Soft Affinity
SA	Software Assurance
SA	Source Address
SA	SpamAssassin
SA	Structured Analysis
SA	System Administrator
SAA	Silly And Awkward (Slang)
SAA	Single Assignment Approach

SAA	System/Systems Application Architecture
SAAL	Signalling AAL
SAAS	Software As A Service
SAB	Standards Activities Board (IEEE/CS)
SABM	Set Asynchronous Balanced Mode
SABME	Set Asynchronous Balanced Mode Extended
SAC	Seismic Analysis Code
SAC	Service Access Controller
SAC	Single Attached/Attachment Component/Concentrator
SAC	Special Area Code
SAC	Syntax-based Arithmetic Coding
SACCH	Slow Associated Control Channel
SACD	Super Audio Compact Disk
SACEADM	System Auxiliary Control Element Administration
SACECP	System Auxiliary Control Element Common Pair
SACEM	Societe des Auteurs Compositeurs Editeurs de Musique
SACK	Selective Acknowledgement
SACL	System Access Control List
SACNET	Secure Automated Communications Network
SACT	SPARC Application Conformance Toolkit
SAD	Security Association Database
SADT	Structured Analysis and Design Technique
SAE	Self Addressed Envelope
SAF	Service Access Facility
SAFI	Subsequence Address Family Identifier
SAFIR	Service ATM Federateur et d'Interconnexion de Renater
SAFT	Simple Asynchronous File Transfer (Protocol)
SAGA	Standards und Architekturen für eGovernment-Anwendungen
SAGE	(UNIX) System Administrators' Guild
SAIC	Single Antenna Interference Cancellation
SAIL	Stanford AI Laboratory
SAINT	Symbolic Automatic Integrator
SAK	Secure Attention Key
SAL	Self Addressed Envelope
SAL	Structured Assembly Language
SALT	Speech Application Language Tag
SALT	SuSE Advanced Linux Technology
SAM	SCSI Architecture Model
SAM	Security Access/Account Manager
SAM	Sequential Access Method

SAM	Serial Access Memory
SAM	Smart ATM Modul
SAM	Storage and Archive Manager
SAM	Synchronous Address Multiplexer
SAM	System Administration Manager (tool)
SAMI	Synchronized Accessible Media Interchange
SAN	Satellite Access Network
SAN	Schulen ans Netz e. V.
SAN	Standard Address Number
SAN	Storage Area Network
SAN	System Area Network
SANE	Scanner Access Now Easy
SANE	Standard Apple Numeric Environment
SANS	SysAdmin, Audit, Network, Security (Institute)
SAO	Session At Once
SAP	Secure Audio Path
SAP	Send And Pray
SAP	Service Access Point (OSI)
SAP	Service Advertising Protocol (Novell)
SAP	Session Announcement Protocol
SAP	SIM Access Profile
SAP	Symbolic Assembler Program
SAP	Systeme, Anwendungen, Produkte (AG), Walldorf
SAPI	Service Access Point Identifier
SAPI	Speech API
SAPI	Streams Application Programming Interface
SAR	Search And Rescue
SAR	Segmentation And Reassembling/Reassembly
SAR	Smurf Amplifier Registry
SAR	Specific Absorption Rate
SAR	Synthetic Aperture Radar
SARC	Symantec Antivirus Research Center
SARCOM	Search And Rescue Communication
SARE	SpamAssassin Rules Emporium
SARM	Set Asynchronous Response Mode
SARME	Set Asynchronous Response Mode Extended
SARP	Search And Rescue Processor
SARPA	Security Advanced Research Projects Agency, USA
SARSAT	Search And Rescue Satellite Aided Tracking
SART	Search And Rescue (Radar) Transponder

SARTG	Scandinavian Amateur Radio Teleprinter Group
SAS	Security Association
SAS	Serial Attached SCSI
SAS	Short Authentication String
SAS	Signature Authority System
SAS	Single Attached/Attachment Station (FDDI)
SAS	Speicher- und Anforderungssteuerung
SAS	Statistical Analysis System
SASDB	Security Association Data Base
SASE	Self Addressed and Stamped Envelope
SASI	Shugart Associates System Interface
SASL	St. Andrews Static Language
SASL	Simple Authentication and Security Layer
SASL	Single Assignment Language
SAT	Satisfiability Problem
SATA	Serial AT Bus Attachment
SATAN	Security Analysis/Administrator's Tool for Analyzing/Auditing Networks
SATL	SCSI ATA Translation Layer
SAV	Sender Address Verification
SAW	Surface Acoustic Wave (Filter)
SAX	Simple API for XML
SB	Southbridge
SB	Standby Indicator
SB	System Builder
SBA	Small Business Administration
SBAS	Satellite Based Augmentation System
SBC	SCSI Block Commands
SBC	Server Based Computing
SBC	Single Board Computer
SBC	Smart Bitrate Control
SBC	Subband Codec
SBCS	Single Byte Character/Command Set
SBE	Single Byte Extension
SBE	Society of Broadcast Engineers (USA)
SBOD	Switched Bunch Of Discs
SBP	Serial Bus Protocol
SBP	Structured Buffer Pool
SBR	Spectral Band Replication
SBR1	Statistical Bit Rate Configuration 1
SBS	Secure Boot System

SBS	Small Business Server
SBST	Smart Battery Status Table
SBT	Six Bit Transcode
SBUP	System Backup Partition
SBV	Skeletonization Based Vectorization
SC	Secondary Channel
SC	Send Common
SC	Sequential Consistency
SC	Smart Card
SC	Storage Compatibility
SC	Subcommittee
SC	Subscriber Channel (Sonnector)
SCA	Security Control and Audit
SCA	Single Connector Attachment
SCA	Software Communications Architecture
SCADA	Supervisory Control And Data Acquisition
SCADDS	Scalable Coordination Architectures for Deeply Distributed Systems
SCAM	SCSI Configured Automagically
SCART	Syndicat des Constructeurs d’Appareils Radio Recepteurs et Televiseurs
SCB	Subsystem Control Block
SCC	Satellite Control Center
SCC	SCSI Controller Commands
SCC	Serial Communication Controller
SCC	Small Card Clearing
SCC	Specialized Common Carrier
SCC	Spontaneous Computer Combustion
SCC	Standards Coordinating Committee (IEEE/CS)
SCC	Synchronous Channel Check
SCCP	Signal/Signalling Connection Control Port
SCCS	Source Code Control System
SCCS	Southern California Computer Society
SCD	Standard Color Display
SCD	Structured Charts Diagram
SCE	Service Creation Environment
SCF	Service Control Function
SCF	System Control Facility
SCI	Scalable Coherent Interconnect
SCI	Special Circumstance Instructions
SCI	Strategic Computing Inititative
SCI	System Control Interrupt

SCIM	Smart Commom Input Method
SCLM	Software Configuration Library Manager (IBM)
SCM	Selected Communication Mode
SCM	Software Configuration Management
SCM	Supply Chain Management
SCM	Switch Control Module
SCML	Spectrum Cataloging Markup Language
SCMS	Serial Copy Management System
SCN	Switched Circuit Network
SCN	System Change/Commit Number
SCNR	Sorry, Could Not Resist (Slang)
SCO	(The) Santa Cruz Operation, Inc.
SCO	Structured Complex Object
SCO	Synchronous Connection Oriented
SCOS	Single Copy Object Store
SCP	Secure Copy
SCP	Service Control Point
SCP	Session Control Protocol
SCP	Short Circuit Protection
SCP	Subsystem Control Port
SCPC	Single CHannel Per Carrier
SCPI	Standard Commands for Programmable Instruments
SCR	Silicon Controlled Rectifier
SCR	Standard Context Routing
SCR	Sustainable/Sustained Cell Rate
SCS	Secondary Clear to Send
SCS	SNA Communication Service
SCS	System Communication Services
SCSA	Signal Computing System Architecture
SCSI	Small Computer Systems Interface
SCSL	Sun Community Source Licensing
SCSP	Server Cache Synchronization Protocol
SCSSI	Service Central de la Securite des Systemes d'Information
SCSU	Standard Compression Scheme for Unicode
SCTP	Screened Twisted Pair (cable)
SCTP	Shape-Controlled Traffic Pattern
SCTP	Simple Control Transport Protocol
SCTP	Stream Control Transmission Protocol
SCTS	Secondary Clear To Send
SCTT	Strong Church Turing Thesis

SCU	System Control Unit
SD	Sales + Distribution
SD	Secure Digital (Card)
SD	Send Data
SD	Shutdown
SD	Single Density
SD	Staircase Deadline (scheduler)
SD	Starting Delimiter
SD	Structured Design
SD	Super Density (Compact Disk)
SDA	Scalable Disk Array
SDA	Start of/Secure Domain Authority
SDA	Swappable Data Area
SDA	System Design Automation
SDB	Security Policy Database
SDBM	Selective Directed Broadcast Mode
SDC	Secondary Domain Controller
SDC	Secure Digital Card
SDC	Service Description Channel
SDCCH	Stand Alone Dedicated Control Channel
SDCD	Secondary Data Carrier Detect
SDD	Super Density Disk
SDDC	Single Device Data Correction
SDDI	Serial Digital Data Interface
SDDI	Shielded Twisted Pair Distributed Data Interface
SDDS	Sony Dynamic Digital Sound
SDE	Software Development Environment
SDF	Signal Delay Format
SDF	Space Delimited File/Format
SDF	Standard/System Data Format
SDF	Structured Display File
SDH	Synchronous Digital Hierarchy
SDHC	Secure Digital High Capacity (Card)
SDHT	Selectively Doped Hetero Transistor
SDI	Selective Dissemination of Information
SDI	Serial Device/Digital Interface
SDI	Single Document Interface
SDIF	Standard Document Interchange Format
SDIGN	Vorschriftensammlung für digitale Netze
SDIO	Secure Digital Input/Output

SDK	Software Development/Developer's Kit
SDL	Scene Description Language
SDL	Security Development Lifecycle
SDL	Simple Direct Media Layer
SDLC	Software Development Life Cycle
SDLC	Synchronous Data Link Control (IBM)
SDLP	Standard Device Level Protocol
SDLT	Super Digital Linear Tape
SDM	Secure Digital Mini (card)
SDM	Security Device Manager
SDM	Short Data Message
SDM	Sub-rate Data Multiplexer
SDMA	Space Division Multiple Access
SDMI	Secure Digital Music Inititative
SDMS	SCSI Device Management System
SDN	Software Defined Network
SDNS	Secure Data Network Service/System
SDO	Servicedatenobjekt
SDP	Service Discovery Protocol
SDP	Session Description Protocol
SDP	Shared Development Process
SDP	Software Delivery Platform
SDP	Standard Directory Package (Apple)
SDPS	Science/Service/Shared/Spatial/Standard/Surveillance Data Processing Softw
SDPS	Secure Digital Paper Seal
SDPS	Standard Dial-up POP3 Service
SDR	Session Director
SDR	Single Data Rate
SDR	Software Defined Radio
SDR	Streaming Data Request
SDRAM	Synchronous Dynamic Random Access Memory
SDS	Sample Dump Standard
SDS	Software Distribution Service (OSF)
SDS	Subdivision Surface
SDSC	San Diego Supercomputer Center, USA
SDSE	Shadowed DSA-Specific Entry
SDSL	Single Line/Single Pair/Symmetrical Digital Subscriber Line
SDSS	Sloan Digital Sky Survey
SDTS	Spatial Data Transfer Standard
SDTV	Standard Definition Television

SDU	Service/Signalling Data Unit
SDX	Storage Data Acceleration
SDXC	Synchronous Digital Cross Connect
SDXF	Structured Data Exchange Format
SE	Second Editon (Windows)
SE	Shared Everything
SE	Single Ended
SE-SCSI	Single Ended SCSI
SEA	Schoof, Elkes, Atkin
SEA	Self Extracting Archive
SEA	Society for Electronic Access
SEAL	Screening External Access Link
SEBD	Software Engineering Bibliographic Database (DACS)
SEC	Single Error Correction
SEC	Standard Ethernet Controller
SECAM	Sequentiel Couleur Avec Memoire
SECBR	Severely Errored Cell Block Ratio
SECC	Single Edge Contact Cartridge
SED	Smoke Emitting Diode
SED	Surface-conduction Electron-emitter Display
SEDAS	Standardregelungen einheitlicher Datenaustausch
SEE	Software Engineering Environment
SEEFUST	Seefunkstelle
SEEK	Secure Electronic Exchange of Keys
SEEM	Simple Efficient Extensible Mesh
SEL	Security Enhanced Linux
SEL	Selector
SEL	Standard Elektrik Lorenz AG
SEL	System Event Logger
SEM	Search Engine Marketing
SEM	Server Enhancement Module
SEMA	Simple Electromagnetic Analysis
SEMPER	Secure Electronic Marketplace for Europe
SEO	Search Engine Optimization/Optimizer
SEO	Sequences Number
SEP	Separation
SEP	Somebody Else's Problem (Slang)
SEPI	School Educational Provision Improvement
SEPP	Secure Electronic Payment Protocol
SEPP	Single Edge Processor Package

SER	Soft Error Rate
SES	SCSI Enclosure Services
SES	Secure Easy Setup
SES	Ship Earth Station
SES	Societe Europeenne des Satellites
SESAME	Secure European System for Applications in a Multi-Vendor Environment
SESK	Session Key
SET	Secure Electronic Transaction
SET	Setkey
SET	Shortest Elapsed Time
SET	Single Electron Transistor
SET	Standard d'Exchange et de Transfert
SETI	Search for Extraterrestrial Intelligence
SEU	Serial Encryption Unit
SEU	Smallest Executable Unit
SEUL	Simple End User Linux
SEX	Software Exchange
SF	Select/Send Frequency
SF	Sign Flag
SF	Single Frequency
SF	Store and Forward
SFA	Sales Force Automation
SFAUSL	Vorschriftensammlung Fernmeldeverkehr Ausland
SFC	System File Checker
SFD	Start Frame Delimiter
SFF	Small Form Factor
SFINX	Service for French Internet Exchange
SFLAAE/BS	Star Fleet Ladies Auxiliary and Embroidery/Baking Society
SFLC	Software Freedom Law Center
SFMJI	Sorry For My Jumping In (Slang)
SFP	Single Function Peripheral
SFP	Super Fine Positioning
SFP	System File Protection
SFPS	Secure Fast Packet Switching
SFQ	Stochastic Fairness Queuing
SFQL	Structured Full-text Query Language
SFR	Split Frame Rendering
SFS	Scalable/Secure File Share/System
SFS	Security Feature Set
SFS	Smart File System (Amiga)

SFS	Storage Attached Network File System
SFT	System Fault Tolerance
SFT	System File Table
SFTM	Switched Frame Transfer Mode
SFTP	Simple File Transfer Protocol
SFU	Services For Unix
SFURD	Stadtfunkrufdienst
SFV	Standard-Festverbindung
SG	Signal Ground
SG	Supergroup
SGA	Shared/System Global Area
SGC	SCSI Graphic Commands
SGCP	Simple Gateway Control Protocol
SGDB	Service de Genomique du Departement de Biologie, ENS Paris
SGF	Smart Go Format
SGI	Silicon Graphics, Inc.
SGML	Standard Generalized Markup Language
SGMP	Simple Gateway Management/Monitoring Protocol (Internet)
SGPS	Simple Global Positioning System (protocol)
SGRAM	Synchronous Graphical Random Access Memory
SGSN	Serving GPRS Support Node
SH	Sample and Hold, S/H
SHA	Secure Hash Algorithm
SHA	Super High Availability
SHAFT	Society to Help Abolish FORTRAN Teaching
SHAR	Shell Archive
SHARL	Specified Home Appliance Recycling Law, Japan
SHDSL	Single-pair High Speed Digital Subscriber Line
SHF	Super High Frequency
SHIA	Strongly Hedonistic Internet Area
SHIFT	Scalable, Heterogeneous, Integrated Facility
SHIT	Secure Home Internet Telephony
SHM	Semantical Hierarchy Model
SHM	Short Hold Mode
SHOE	Simple HTML Ontology Extensions
SHRS	Sehen, Hören, Riechen, Schmecken (Multimedia)
SHTTP	Secure HTTP
SHV	Standard High Volume
SHY	Soft/Syllable Hyphen
SI	Service Interaction

SI	Shift In
SI	Signalling Rate Indicator
SI	Simple Interface (Cray to UNIX)
SI	Source Index
SI	Still Image (Exchange)
SI	System Information
SI	Systeme International d'Unites
SIA	Semiconductor Industries Association
SIA	Serial Interface Adapter
SIAM	Supraleitendes Intelligentes Antennen-Modul
SIASL	Stranger In A Strange Land (Slang)
SIB	Scaled Index Based
SIC	Standard Industry Code
SICAS	Semiconductor International Capacity Statistics
SID	Security Identification/Identifier
SID	Session Identifier
SID	Silence Descriptor
SID	Society for Information Display
SID	Station Identification
SID	Sudden Ionospheric Disturbance
SID	Symbolic Interactive Debugger
SIE	Serial Interface Engine
SIF	Stateful Inspection Firewall
SIFS	Short Inter Frame Space
SIFT	Stanford Information Filtering Tool
SIG	Selective Integral Ground
SIG	Software/Special Interest Group
SIGCAT	Special Interest Group on CD-ROM Applications and Technology
SIGG	Signaturgesetz
SIGIR	Special Interest Group on Information Retrieval
SIGPLAN	Special Interest Group on Programming Languages
SIH	Super Information Highway
SIHFT	Software Implemented Hardware Fault Tolerance
SII	Static Invocation Interface
SIIT	Stateless IP/ICMP Translation (Algorithm)
SIL	Solid Immersion Lens
SILC	Secure Internet Live Conferencing
SILK	Speech, Image, Language, Knowledge
SIM	Set Initialization Mode
SIM	Subscriber Identification/Identity Module

SIMA	Support Initiative for Multimedia Applications
SIMCA	Sitting In My Chair Amused (Slang)
SIMD	Single Instruction Multiple Data (stream)
SIMM	Single Inline Memory Module
SIMP	Simple Intermachine Protocol
SIMPLE	Sheer Idiots Monopurpose Programming Language Environment
SIMPLE	SIP for Instant Messaging and Presence Leveraging Extensions
SIN	Serial Data In
SIN	Service Indicator (ISDN)
SINA	Sichere Internet-Anbindung/Architektur (BSI)
SINA	SISY Integriertes FTP-Server Archiv, Karlsruhe
SINPO	Signal strength, Interference, Noise, Propagation disturbance, Overall merit
SIO	Serial Input Output
SIO	Simultaneous Interface Operation
SIP	SCSI Interlocl Protocol
SIP	Second/Simple Internet Protocol
SIP	Secure Internet Programming (Princeton U.)
SIP	Session Initiation Protocol
SIP	SMDS Interface Protocol
SIP	Submission Information Package
SIPC	Simple Integrated/Interactive Personal Computer
SIPO	Serial In Serial Out
SIPP	Simple Internet Protocol Plus
SIPP	Simple Polygon Processor
SIPP	Single In-Line Pin Package
SIPP	Stable Image PC Platform
SIPP	Stable Image Platform Program
SIPS	SIP over SSL
SIR	Serial Infrared Communication (Hewlett-Packard)
SIRDS	Single Image Random Dot Stereogram
SIRF	(SiRF Technology Inc., USA)
SIS	Schengen Information System
SIS	Silicon Isotope Superlattice (Technology)
SIS	Stateful Inspection System
SISD	Single Instruction Single Data(stream)
SISO	Serial In, Serial Out
SISSL	Sun Industry Standards Source License
SISY	Software Informations-System, Karlsruhe
SIT	Satellite Interactive Terminal
SIT	(Fraunhofer-Institut für) Sichere Telekooperation

SIT	Simple Internet Transition
SIT	Special Information Tone
SITD	Still In The Dark (Slang)
SITOR	Simple Telex Over Radio
SITP	Strategic Information Technology Plan, DoC, USA
SITP	System Integration Test Plan
SIWG	Special Interest Working Group
SJCC	Spring Joint Computer Conference
SJF	Shortest Job First
SJF	Super Jumbo Frame (Ethernet)
SK	Schneider & Koch, Ettlingen
SK	Server Key
SK	Synchronknoten
SKA	Shared Key Authentication
SKAS	Separate Kernel Address Space
SKIP	Simple Key Management for Internet Protocols
SKU	Stock Keeping Unit (Artikelnummer)
SL	Second Life
SL	Session Layer
SL	Shading/Specification Language
SL	Slave
SLA	Sealed Lead Acid (Battery)
SLA	Service Level Agreement
SLA	Site Level Aggregation/Aggregator
SLAC	Stanford Linear Accelerator Center
SLAP	Sounds Like A Plan (Slang)
SLAPI	Salutation Application Programming Interface
SLC	Second Level Cache
SLC	Single Level Cell
SLC	Synchronous Link Control
SLD	Second/Sub Level Domain
SLDRAM	Synchronous Link Dynamic RAM
SLED	Single Large Expensive Disk
SLED	Software Life Cycle Experience Database (DACS)
SLED	Suse Linux Enterprise Desktop
SLES	Suse Linux Enterprise Server
SLI	Scalable Link Interface/Interleave
SLI	Scanline Interleave
SLI	System Level Integration
SLIAA	Scalable Link Interface Anti-Aliasing

SLIP	Serial Line Interface Protocol (Internet)
SLIP	Symmetric List Processor
SLIT	System Locality Distance Information Table
SLM	Salutation Manager
SLOC	Source Lines Of Code
SLOS	SuSE Linux Office Server
SLP	School License Program
SLP	Service Location Protocol
SLP	Single Link Protocol
SLP	System Load Partition
SLR	Scalable Linear Recording
SLS	Service Level Specification
SLSI	Super Large Scale Integration
SLT	Speech and Language Technology
SLU	Site Local Use
SLV	Single Language Vendor
SLURM	Simple Linux Utility for Resource Management
SM	Security Management
SM	Set Mode
SM	Shadow Map
SM	Sparse Mode
SM	System Management/Manager
SMA	Shared Memory Architecture
SMA	Sharing with Minimum Allocation
SMA	Sub Miniature Assembly (Connector)
SMAC	Sensor Media/Medium Access Control
SMACK	Simplified Mandatory Access Control Kernel
SMACS	Schema Mapping Application Compiler System
SMACS	Smart Multi-Access Communication Service
SMACS	Stochastic Modelling and Analysis of Communication Systems
SMAE	Systems Management Application Entity
SMAP	Simple Mail Access Protocol
SMAP	System Management Application Process
SMART	Self Monitoring, Analysis and Reporting Technology
SMART	Software Metering and Resource Tracking
SMASE	System Management Application Service Element
SMB	Server/Session Message Block
SMB	Small and Medium Business
SMB	System Management Bus
SMC	Secure Messaging Card

SMC	Standard Microsystems, Inc.
SMCC	Sun Microsystems Computer Corp.
SMD	Schiffsmeldedienst
SMD	Storage Modul Device
SMD	Surface Mounted Device
SMDC	Server Management Daughter Card
SMDR	Station Message Detail Recording
SMDS	Switched Multi-Megabit Data Service, USA
SMDSU	Switched Multi-Megabit Data Service Unit
SME	Subject Matter Expert
SMF	Service Management Facility
SMF	Simple Message Format
SMF	Single Mode Fiber
SMF	Standard Midi File
SMF	System Manager Facility
SMFA	System Management Functional Area
SMG	Supermastergroup
SMI	Secure Monitor Interrupt
SMI	Serial Management Interface
SMI	Structure of Management Information
SMI	System Management (mode) Interrupt
SMIL	Synchronized Multimedia Integration Language
SMIME	Secure MIME
SMIS	Safety/Supply/System Management Information System
SMIS	Service Marketing Information System
SMIS	Storage Management Initiative Specification
SMIT	System Management Interface Tool (IBM)
SMK	Software Migration Kit
SML	Simple Macro Language
SML	Simple Mailing List
SML	Simplified Markup Language
SML	Standard Math Library
SML	Standard Metalanguage
SMLT	Split Multi Link Trunking
SMM	Start of Manual Message
SMM	System Management Mode
SMO	Social Memory Organizer
SMON	Switched Monitoring Network
SMOP	Small/Simple Matter Of Programming
SMP	Simple Management Protocol (Internet)

SMP	Standard Message Package (Apple)
SMP	Standby Monitor Presence
SMP	Symmetrical/Synchronous Multi-Processing
SMP	SONET Physical Layer Mapping
SMPS	Switching Mode Power Supply (Schaltnetzteil)
SMPTE	Society of Motion Picture and Television Engineers, USA
SMR	Signal to Mask Ration
SMS	Satellite Multi-Service System
SMS	Service/Security Management Station/System
SMS	Short Message Service
SMS	Software Management System
SMS	Storage Management Services
SMS	Subsystem Management Service (OSF)
SMS	System Management Server
SMSC	Short Message Service Center
SMSCB	Short Message Service Cell Broadcast
SMSI	Sommet Mondial de la Societe de l'Information
SMSMO	SMS Mobile Station Originated
SMSMT	SMS Mobile Station Terminated
SMSP	Storage Management Services Protocol
SMT	Simultaneous Multi Texturing
SMT	Simultaneous/Symmetrical Multithreading (Technology)
SMT	Station Management
SMT	Surface Mounted Technology
SMTI	Systems Management Tools Initiative
SMTP	Simple Mail Transfer Protocol (Internet)
SMTPE	Society of Motion Picture and Television Engineers
SMU	System Management Utility
SMUX	SNMP Multiplexing Protocol
SMXQ	Sharing with Maximum Queues
SN	Sequence Number
SN	Signal/Noise, S/N (ratio)
SN	Subscriber Number
SNA	Systems Network Architecture (IBM)
SNACP	SNA Control Protocol
SNADS	SNA Distribution Services
SNAFU	Situation Normal All Fed/Fucked Up (Slang)
SNAP	Streamlined Network Accelerated Protocol
SNAP	Subnetwork Access/Attachement Point/Protocol
SNAPI	Soft Switch Network Application Programming Interface

SNCP	Single Node Control Point
SNCP	System Services Control Point
SNCS	Secure Network Computer Server
SNF	Server Natural/Normal Format
SNF	Session Sequence Number Field
SNI	Siemens Nixdorf Informationssysteme AG, Paderborn
SNI	Subscriber Network Identifier/Interface
SNIA	Storage Networking Industry Association
SNMP	Simple Network Management Protocol (Internet)
SNMPV2	Simple Network Management Protocol Version 2 (Internet)
SNOBOL	String Oriented Symbolic Language
SNP	Sequence Number Protection
SNPP	Simple Network Paging Protocol
SNR	Saved Number Redial
SNR	Serial Number
SNR	Signal to Noise Ratio
SNRM	Set Normal Response Mode
SNRME	Set Normal Response Mode Extended
SNS	Session Network Services
SNVT	Standard Network Variable Type
SO	Shift Out
SO	Small Outline
SO	Supporting Organization
SOA	Service Order Activation
SOA	Service Oriented Architecture
SOA	Start Of (zone of) Authority (DNS)
SOAP	Simple Object Access Protocol
SOB	Start Of Block
SOB	Statement Of Boredom
SOC	System On a Chip
SODIMM	Small Outline Dual Inline Memory Module
SOE	Standard Operating Environment
SOFL	Structured Object-Oriented Formal Language
SOG	Sync On Green
SOGT	Senior Officials Group on Telecommunications
SOH	Section Overhead
SOH	Start of Header/Heading
SOHO	Small Office, Home Office
SOI	Silicon On Insulator
SOIF	Summary Object Interchange Format

SOIP	Storage Over IP
SOL	Seniors/Senioren On Line
SOL	Siemens Optical Link
SOL	Simulation Oriented Language
SOL	Special Object Library
SOLAS	(International Convention for the) Safety Of Life At Sea
SOM	Start Of Message
SOM	System Object Model (IBM)
SONET	Synchronous Optical Network
SONETT	Soziales Netz Telecommunikation
SOP	Same Origin Policy
SOP	Service Object Pair
SOP	Standard Operating Procedure
SORBS	Spam and Open Relay Blocking System
SOS	Silicon On Sapphire
SOS	Sophisticated Operating System
SOS	Start Of Significance
SOSI	Shift Out Shift In
SOSIG	Social Science Information Gateway
SOTIS	Self-Organizing Traffic Information System
SOUP	Simple Offline Usenet Packet
SOUT	Serial Data Out
SOX	Sound Exchange (File)
SP	Segment Priority
SP	Service Provider
SP	Space (Leertaste)
SP	Stack Pointer
SP	Strict Priority
SP	System Program
SPA	Secure Password Authentication
SPA	Service Point Application
SPA	Simple Power Analysis
SPA	Software Publishers' Association
SPADA	Sprache und Daten
SPAG	Standards Promotion and Application Group (OSI)
SPAM	Send Phenomenal Amounts of Mail, Shit Posing As Mail (Slang)
SPAN	Services and Protocols for Advanced Networks
SPAN	Switched Port Analyzer
SPAP	Shiva Password Authentication Protocol
SPARC	Scalable Processor Architecture

SPB	Synchronous Pipelined Bus
SPC	SCSI Primary Commands
SPC	Small Peripheral Controller
SPC	Statistical Process Control
SPC	Stored Program Control
SPC	Sub-Process Control
SPD	Scalable Performance Data
SPD	Secondary Pool Descriptor
SPD	Secure Payload Database
SPD	Security Policy Database
SPD	Selective Packet Delay
SPD	Senior Program Developer
SPD	Serial Poll Disable
SPD	Serial Port Data
SPD	Serial Presence Detect
SPD	Sharable Private Disk
SPD	Silicon Photo Diode
SPD	Silicon Pixel Detector
SPD	Simple Pattern Detection
SPD	Simplified Printer Description
SPD	Single Programming Document
SPD	Software/System Preliminary Design
SPD	Software Product Description
SPD	Software Products Division
SPD	Spectral Power Density/Distribution
SPD	Speed
SPD	Sponsored Program Development
SPD	Spool Positioning Device
SPD	Storage Pool Deficiency
SPD	Structured Program Developmenr
SPD	Summary Program Description
SPD	Surge Protection/Protector Device
SPDA	Supplier Data Program
SPDEEPROM	Serial Presence Detect Electrically Erasable Programmable Read Only Memo
SPDIF	Sony and Philips Digital Interconnect/Interface Format
SPDL	Standard Page Description Language
SPDN	Shared Private Data Network
SPDT	Single-Pole Double-Throw (Relay)
SPDU	Session Protocol Data Unit
SPE	Superparamagnetic Effect

SPE	Symbolic Programming Environment
SPE	Synchronous Payload Envelope
SPE	Synergistic Processor/Processing Element
SPEC	Standard Performance Evaluation Corporation
SPF	Security/Sender Policy Framework
SPF	Sender Permitted From (obsolet)
SPF	Shortest Path First
SPF	System Programming Facility
SPG	Service Protocol Gateway
SPI	SCSI-3 Parallel Interface
SPI	Security Parameter Index
SPI	Serial Peripheral Interface
SPI	Server Programming Interface
SPI	Service Provider Interface
SPI	Software in the Public Interest, Inc.
SPI	Stateful Packet Inspection
SPI	Symbolic Probabilistic Inference
SPICE	Simulation Program with Integrated Circuit Emphasis
SPICE	Spacecraft, Planet, Instruments, C Matrix, Events
SPIFF	Still Picture Interchange File Format
SPIM	Spam over Instant Messaging
SPINE	Shared Program Information Network
SPIT	Spam over Internet Telephony
SPK	Software Porting Kit
SPKM	Simple Public Key GSS-API Mechanism
SPL	Spooler/Spooling
SPLD	Simple Programmable Logic Device
SPM	Session Protocol Machine
SPM	System Performance Monitor (IBM)
SPMD	Single Program Multiple Data
SPML	Service Provisioning Markup Language
SPMP	Software Project Management Plan
SPMS	Software Project Management System
SPN	Service Principal Name
SPNR	Special People Numbers Registry
SPOC	Search And Rescue Point Of Contact
SPOF	Single Point Of Failure
SPOOL	Simultaneous Peripherals Operation On Line
SPOT	Single Point Of Truth
SPOT	Systeme Pour l'Observation de la Terre

SPP	Scalable Parallel Processing
SPP	Sequenced/Sequential Packet Protocol
SPP	Serial Port Profile
SPP	Standard Parallel Port
SPPI	Structure of Policy Provisioning Information
SPR	Software Performance Report
SPS	Secure Packet Shield
SPS	Session Presentation Services
SPS	Speicherprogrammierte Steuerung
SPS	Standard Positioning Service/System
SPS	Standby Power System
SPSI	Spots Per Square Inch
SPT	Sectors Per Track
SPT	Shortest Processing Time
SPU	Shader Processing Unit
SPU	Sound Processing Unit
SPU	Synergistic Processor Unit
SPV	Semipermanente Verbindung
SPV	Sound, Pictures, Video
SPV	Sparsed Pixel Vectorization
SPWG	Standard Panels Working Group (VESA)
SPX	Secured/Sequenced/Sequential Packet/Protocol Exchange
SQ	Signal Quality
SQ	Signal-Quantisierungsgeräusch
SQA	Safety/Software Quality Assurance
SQCIF	Sub Quarter Common Intermediate Format
SQE	Signal Quality Error (SQE Test, heartbeat, Ethernet)
SQID	Superconducting Quantum Interference Device
SQL	Squelch
SQL	Standard/Structured Query Language
SQUID	Source Quench Introduced Delay
SR	Sampling/Send Rate
SR	Session Reliability
SR	Signalling Rate Selector
SR	Shift Register
SR	Source Routing
SRAM	Shadow/Static Random Access Memory
SRAT	System Resource Affinity Table
SRB	Source Route Bridging (IBM)
SRB	Storage Resource Broker

SRC	Sampling Rate Converter
SRC	Source
SRC	System Resource Controller
SRD	Screen Reader System
SRD	Secondary Received Data
SRD	Short Range Device
SREJ	Selective Reject
SRES	Signed Result
SRF	Streaming Register File
SRI	Stanford Research Institute, USA
SRL	Structural Return Loss
SRL	Subject Restriction List
SRM	Send Routing Message
SRM	Shared Resource Manager
SRMA	Split-Channel Reservation Multiple Access
SRMP	Spider Remote Monitoring Protocol
SRO	Sharable and Read Only (memory)
SRP	Security Rollup Package (Microsoft)
SRPI	Server-Requester Programming Interface
SRQ	Service Request
SRR	Search and Rescue Region
SRR	Secondary Receiver Ready
SRS	Secondary Request to Send
SRS	Sender Rewriting Scheme
SRS	Shared Registry System
SRS	Sound Retrieval System
SRT	Secure Request Technology
SRT	Shortest Remaining Time
SRT	Shuttle Radar Topography (Mission)
SRT	Source Route/Routing Transparent
SRTP	Secure Realtime Transport Protocol
SRTS	Secondary Request To Send
SRUC	Split Reservation Upon Collision
SRV	Server
SS	Sampled Servo
SS	Seed/Stack Segment
SS	Select Standby
SS	Single Shift/Sided
SS	Storage Server
SS7	Signalling System No. 7

SSA	Screened Subnet Architecture
SSA	Serial Storage Architecture (IBM)
SSA	Static Single Assignment
SSA	Sveriges Sändareamatörer
SSB	Schwäbischer Standard-Benchmark
SSB	Single Sideband
SSBA	Suite Synthetique des Benchmarks de l'AFFU
SSC	SCSI Stream Commands
SSC	Symantec System Center
SSCC	Serial Shipping Container Code
SSCF	Service Specific Coordination Function
SSCOP	Service Specific Connection Oriented Protocol
SSCP	System Services Control Point/Program
SSCS	Service Specific Convergence Sublayer
SSD	Schwartz Sequential Dropping
SSD	Secondary Send Data
SSD	Solid State Disk
SSDA	Synchronous Serial Data Adapter
SSDC	Stack Segment Descriptor Cache
SSDP	Simple Service Discovery Protocol
SSDT	System Service Descriptor Table
SSE	Streaming SIMD Extensions
SSEC	Selective Sequence Electronic Calculator (IBM)
SSEM	System Security Engineering Management
SSF	Service Switching Function
SSF	Structured Fax File
SSFDC	Solid State Floppy Disc Card
SSGA	System Support Gate Array
SSH	Secure Shell
SSI	SCSI Serial Interface
SSI	Server Side Include
SSI	Single System Image
SSI	Small Scale Integration
SSID	Secondary Station Identifier
SSID	Service Set Identifier
SSIMM	Single RAS SIMM
SSL	Schüler, Studenten, Lehrer
SSL	Secondary System Loader
SSL	Secure Server Line
SSL	Secure Sockets Layer

SSM	Source Specific Multicast
SSM	Storage System Manager
SSMA	Spread Spectrum Multiple Access
SSN	Secure Server Network
SSO	Single Sign On
SSO	System Security Officer
SSP	Sender Signing Practices
SSP	Serial Storage Protocol
SSP	Service Switching Point
SSP	Switch-to-Switch Protocol
SSP	System Service/Support Processor
SSR	Scalable Sampling Rate
SSR	Secondary Surveillance Radar
SSR	Small Screen Rendering (Opera)
SSR	Sum of Squared Residuals
SSR	Super Self Refresh
SSRC	Synchronization Source Identifier
SSS	Switching Subsystem
SST	Self Service Terminal
SST	Simple SIPP Transition
SSTP	Screened Shielded Twisted Pair
SSTV	Slow Scan Television
SSU	Session Support Utility (DEC)
SSW	Schnittstellenwandler
ST	Segment Type
ST	Send Timing
ST	Service Ticket
ST	Straight Tip (Connector)
ST	Stream Protocol
STA	SCSI Trade Association
STA	Secure Ticket Authority
STA	Spanning Tree Algorithm
STA	Station
STACK	Start Acknowledgement
STAR	Self Defining Text Archival
STAR	Self Test And Repair
STAR	Self Tuning Architecture
STAR	Simultaneous Transmit And Receive
STAR	Stateful Assured Routing
STAR	Stop Talking And Read (Slang)

STAR	Storage And Retrieval
STAX	Streaming API for XML
STB	Set Top Box
STC	Set Top Computer
STC	Subtechnical Committee (ETSI)
STD	Secondary Transmitted Data
STD	Standard
STD	State Transition Diagram
STD	Subscriber Trunk Dialing
STD	Suspend To Disc
STDA	StreetTalk Directory Assistance (Banyan)
STDM	Statistical/Synchronous Time Division Multiplexing
STE	Signalling Terminal
STEP	Standard for the Exchange of Product Model Data
STF	Specialist Task Force
STGO	Start Tag Open
STID	Secure Table Identifier
STK	Software Translation Kit
STL	Standard Template Library
STM	Science, Technology, Medicine
STM	Station/Storage Management
STM	Streams Manager
STM	Synchronous Transfer/Transport Mode/Modul
STMF	State Management Function
STN	Scientific & Technical Information Network, Karlsruhe
STN	Super Twisted Nematic Field Effective Material
STO	Strategic Technology Office
STOA	Science/Scientific and Technology/Technological Options Assessment
STOE	Störung
STOMP	Streaming Text Oriented Messaging Protocol
STOMP	Systematic Test Of Multiplatform Product
STONE	Structured and Open Environment
STP	Shielded Twisted Pair
STP	Signal Transfer Point
STP	Spanning Tree Protocol
STP	Straight Through Processing
STR	Suspend To RAM
STR	Synchronous Transmitter Receiver
STRIDE	Spoofing, Tampering, Repudiation, Information disclosure, Denial of service,
STRIP	Starmode Radio IP

STRT	Start Initialization
STS	Semi-Thue-System
STS	Station to Station Protocol
STS	Synchronous Transfer/Transport Signal
STT	Secure Transaction Technology
STT	Spin Torque Transfer (RAM)
STU	Schere-Tippex-Uhu (-Verfahren)
STUN	Simple Traversal of UDP through NAT
STUSS	Simply Time-consuming Unsolicited Superfluous Speaking (Slang)
STX	Start of Text
SU	Switching Unit
SUB	Subaddressing
SUB	Substitute/Substitutability
SUB	Systemunabhängige Betriebsführungstechnik
SUDS	Software Update and Distribution System
SUG	Sun User Group
SUIT	Simple User Interface Toolkit
SUM	Simple User Model
SUMR	Satellite User Mapping Register
SUN	Stanford University Network
SUPL	Secure User Plane
SURANET	Southeastern Universities Research Association Network
SURE	Scalability, Usability, Reliability, Economy
SUS	Single UNIX Specification
SUS	Software Update Services (Microsoft)
SUSP	System Use Sharing Protocol
SUTP	Screened Unshielded Twisted Pair
SUUG	Soviet UNIX User Group
SV	Standortverteiler
SVAPI	Scan View API
SVC	Supervisor Call
SVC	Switched Virtual Call/Channel/Circuit/Connection
SVCC	Switched Virtual Channel Connection
SVCD	Super Video Compact Disc
SVD	Simultaneous Voice and Data
SVD	Single Value Decomposition
SVF	Simple Vector Format
SVG	Scalable Vector Graphics
SVGA	Super Video Graphics Array
SVHS	Super Video Home System

SVID	Unix System V Interface Definition
SVM	Support Vector Machine
SVN	Subversion (a Version Control System)
SVP	Scan-line Video Processor
SVPN	Secure Virtual Private Network
SVR	Session-based Virtual Route
SVR4	UNIX System V Release 4
SVV	Segment Variability Value
SVVS	UNIX System V Validation Suite
SW	schwarz-weiss
SW	Short Wave
SW	Software
SW	Status Word
SWAN	Secure Wide Area Network
SWAP	Shared Wireless Application Protocol
SWAT	Samba Web Administration Tool
SWB	Software Bus
SWBG	Subtract With Borrow (random number) Generator
SWERC	South Western Europe Regional (ACM Programming) Contest
SWF	Scheduled Workflow
SWF	Shockwave Flash (File Format)
SWF	Short Wave Fading
SWF	Small Web File/Format
SWF	Staff Working File
SWF	Surface Wave Field
SWIB	Suchdienst Wissenschaftliche Bibliotheken
SWIFT	Society for Worldwide Interbank Financial Telecommunications
SWIFT	Software Implemented Fault Tolerance
SWIFT	System for Wireless Information Forwarding and Teledistributing
SWIM	Super Wozniak Integrated Machine
SWING	Subscriber Wireless Network Gateway
SWISH	Simple Web Indexing System for Humans
SWIW	So Weit Ich Weiss (AFAIK) (Slang)
SWL	Short Wave Laser/Listener
SWP	Semantic Web Publishing
SWP	Semi-orthogonal Wavelet Packet
SWP	Shortest Widest Path
SWP	Simple Web Printing
SWP	Single-Wafer Processing
SWP	Software Package/Program

SWP	Surface Wave Propagation
SWP	Swap (file, partition)
SWP	Swisscom Workplace
SWR	Standing Wave Ratio
SWS	Scientific Workstation
SWS	Silly Window Syndrom
SWT	Shockwave Template
SWT	Softwaretechnik
SWT	Standard Widget Toolkit
SX	Simplex
SXE	Safe Execution Environment
SXGA	Super Extended Graphics Array
SXXM	Unextended Numbering Set Mode
SYLK	Symbolic Link Format (Microsoft)
SYN	Synchonizing Segment
SYN	Synchronous Idle
SYSOP	System Operator

T	Telecomm, Telephone, Terminal, Text, Time
T	Taktleitung
T	Transmit Data
TA	Terminaladapter, Informationstechnische Anschlussdose
TA	Traffic Announcement
TA	Transmitter Address
TAB	Tabulator
TAB	Technical Advisory Board
TABD	Transatlantic Business Dialogue
TABYAS	Thinking All But You Are Stupid (Slang)
TAC	Terminal Access Control/Controller
TAC	Transparent Audio Coding
TAC	Type Approval Code
TACACS	Terminal Access Controller Access Control System
TACC	Texas Advanced Computing Center, USA
TACS	Total Access Communications
TAD	Telephone Answering Device
TADS	Text Adventure Development System
TAE	Telekommunikations-Anschluss-Einheit
TAFN	That’s All For Now (Slang)
TAG	Technology Advisors Group

TAG	Text And Graphics
TAG	Tiny Aggregation
TAGC	Tag Close Delimiter
TAI	Temps Atomique International
TAL	Teilnehmeranschlussleitung
TAL	Template Attribute Language
TALES	Template Attribute Language Expression Syntax
TAM	Telefon, Anrufbeantworter, Modem
TAM	Telephone Answering Machine
TAN	Total Area Network
TAN	Transaction Number
TANJ	There Ain't No Justice (Slang)
TANSTAAFL	There Ain't No Such Things As A Free Lunch (Slang)
TAO	Telephony Application Object
TAO	The ACE ORB
TAO	Track At Once
TAO	Traduction Assistee par Ordinateur
TAOCP	The Art Of Computer Programming (D. Knuth)
TAP	Telcom Advantage Packaging
TAP	Telecator Alphanumeric Protocol
TAP	Terminal Access Point
TAP	Test Access Port
TAPI	Telephony Application Programming Interface (Intel, Microsoft)
TAPR	Tucson Amateur Packet Radio Group
TAR	Tape Archive (Format)
TARFU	Things Are Really Fouled Up (Slang)
TAS	Telephone Answering Service
TASI	Time-Assignment Speech Interpolation
TAU	Test Access Unit
TAV	Test, Analyse, Verifikation (von Software)
TAXI	Transparent Asynchronous Transceiver Interface
TBB	Threading Building Blocks (Intel)
TBC	Time Base Corrector
TBETSI	Technischer Beirat für Normungsfragen des ETSI
TBF	Technisch betriebliche Funktionsbedingungen
TBH	To Be Honest (Slang)
TBL	Technik für Betriebslenkung
TBL	Tim Berners-Lee
TBO	Total Benefits of Ownership
TBRPF	Topology dissemination Based on Reverse Path Forwarding

TBT	Truncated Binary Tree
TC	Technical Committee/Corrigendum
TC	Telecine
TC	Transform Coding
TC	Transmission Control/Convergence
TC	Treatment Code
TC	Trust Center
TCA	Telecommunications Carrier Association
TCA	Tightly Coupled Architecture
TCA	Traffic Conditioning Agreement
TCAP	Transaction Capability Application Part
TCB	Trouble Came Back
TCB	Trusted Computer/Computing Base
TCCC	IEEE Technical Committee on Computer Communications
TCE	Transmission Control Element
TCF	Transparent Computing Facility
TCFS	Transparent Cryptographic File System
TCG	Trusted Computing Group
TCH	Traffic Channel
TCI	Tag Control Information
TCIF	Telecommunications Industry Forum, USA
TCL	Tool Command Language
TCM	Terminal Controller Module
TCM	Time Compression Multiplexing
TCM	Trellis Code Modulation
TCMP	Tightly Coupled Multiprocessor System
TCNG	Traffic Control Next Generation
TCNS	Thomas Conrad Networking System
TCO	Tjänstemännens Centralorganisation (Schweden)
TCO	Total Cost of Ownership
TCOS	IEEE Technical Committee on Operating Systems
TCP	Tape Carrier Package
TCP	TeX Code Page
TCP	Transmission Control Protocol/Program (Internet)
TCP/IP	Transmission Control Protocol/Internet Protocol, TCP/IP (Internet)
TCPA	Time of Closest Point of Approach
TCPA	Trusted Computing Platform Alliance/Architecture
TCQ	Tagged Command Queuing
TCR	Telephone Conversation Record
TCS	Telephony Control Specification

TCS	Terminating Call Screening
TCSB	Traffic Control State Block
TCSEC	Trusted Computer System Evaluation Criteria (Orange Book)
TCT	The Coroner's Toolkit
TCU	Transmission Control Unit
TCW	Tagged Control Word
TD	Transmit Data
TDA	Tactile Digital Assaistant
TDA	Telediffusion d'Algerie
TDA	Temporal Data Authority
TDA	Terminal Data Adapter
TDA	To Do Archive
TDA	Tracking and Data Acquisition
TDA	Traffic Data Acquisition
TDA	Transition Data Analysis
TDA	Transmitted/Transported Data
TDA	Tunnel Diode Amplifier
TDAB	Terrestrial Digital Audio Broadcasting, T-DAB
TDAC	Time Domain Aliasing Cancellation
TDB	Trivial Data Base
TDC	Transparent/Tranportation Data Channel
TDCC	Transportation Data Coordinating Committee
TDD	Telecommunication Device for the Deaf
TDD	Time Division Duplex
TDDSG	Teledienstedatenschutzgesetz
TDDSGDVO	Teledienstedatenschutzgesetzdurchführungsverordnung
TDE	Telescript Development Environment
TDES	Triple Data Encryption Standard
TDF	Telediffusion de France
TDF	Telemetry/Tracking Data Formatter
TDF	Time Division/Domain Filtering
TDF	Title/Trace/Typeface Definition File/Format
TDF	Transaction Data File
TDF	Transborder/Transnational Data Flow
TDF	Transformada De Fourier
TDG	Telekommunikations-Dienst-Gesetz, Teledienstegesetz
TDHS	Time Domain Harmonic Scaling
TDI	Transport Driver Interface
TDL	Trusted Devices List
TDM	Time Division Multiplexer/Multiplexing

TDMA	Time Division Multiple/Multiplex Access
TDMF	Transparent Data Migration Facility
TDP	Tag Distribution Protocol
TDP	Thermal/Typical Design Power
TDR	Time Domain Reflectometer/Reflectometry
TDRS	Tracking and Data Relay Satellite
TDS	TeX Directory Structure
TDSR	Transmitter Data Service Request
TDSV	Telekommmunikations-Datenschutz-Verordnung
TDT	Terrestrial Dynamic Time
TDU	Topology Database Update
TDX	Time Domain Crosstalk
TE	Terminal Equipment
TE	Traffic Engineering
TE	Type Enforcement
TEA	Tiny Encryption Algorithm
TEB	Thread Environment Block
TECO	Tape/Text Editor and Corrector
TED	Telefonischer Ermittlungsdienst
TEGFET	Two-dimensional Electron Gas Field Effect Transistor
TEHO	Tail End Hop Off
TEI	Terminal Endpoint Identifier
TEI	Text Encoding and Interchange
TEI	Text Encoding Initiative
TEI	Transport Error Indicator
TEL	Trans Europe Line
TELEX	Telegraph Exchange (Fernschreiben)
TELNET	Telecommunications Network
TEMEX	Telemetry Exchange
TEMPE	Telecommunications and Enterprise Multimedia Platform Environment
TEN	Trans European Network
TEP	Transequatorial Propagation
TER	Terminal Interface
TET	Test Environment Toolkit
TETRA	Trans European/Terrestrial Trunked Radio (System)
TF	Task Force
TF	Term Frequency
TF	Trägerfrequenz
TFA	Transparent File Access
TFB	Terminal Framing Bit/Bits

TFB	Thin Film Battery
TFB	Time Frequency Bus
TFC	Thermal Fly-height Control
TFC	Traffic Channel
TFD	Thin Film Diode
TFDD	Text File Device Driver
TFE	Türfreisprecheinrichtung
TFEL	Thin Film Electroluminescent
TFH	Text File/Files from Hell (Slang)
TFH	Thanks For Helping (Slang)
TFH	Thin Film Head
TFM	TeX Font Metric
TFN	Tribe Flood Network
TFS	Translucent File System (Sun)
TFT	Thin Film Transistor (Display)
TFTP	Trivial File Transfer Protocol (Internet)
TFTS	Terrestrial Flight Telephone System
TFTT	Thanks For The Thought (Slang)
TG	Target
TG	Transmission Group
TGAL	Think Globally, Act Locally (Slang)
TGB	Tres Grande Bibliotheque
TGIF	Thank God It's Friday (Slang)
TGM	Timetable Generation Module
TGN	Thesaurus of Geographic Names
TGN	Transmission Group Number
TGS	Ticket Granting Server/Service
TGT	Ticket Granting Ticket
TH	Transmission Header
TH	Trouble History
THD	Technische Hochschule Darmstadt (jetzt TUD), Deutschland
THP	Tomlinson Harashima Precoder
THT	Through Hole Technology
THT	Token Hold/Holding Time/Timer
THWLAIAS	The Hour Was Late, And I Am Senile (Slang)
THX	Thanks (Slang)
THX	Tomlinson Holman's Experiment
TI	Tele Immersion
TI	Texas Instruments Inc.
TI	Transaction Identifier

TIA	Telecommunications Industries Association
TIA	Thanks In Advance (Slang)
TIA	Totally Integrated Automation
TIAM	Terminal Interactive Access Method
TIB	Tag Information Base
TIB	Technische Informationsbibliothek, Hannover
TIC	Token Ring Interface Coupler
TIC	Tongue In Cheek (Slang)
TICF	Transport Independent Convergence for FNA
TID	Target Identifier
TIDSV	Telekommunikations- und Informationsdienstunternehmen-Datenschutzverordnu
TIE	Time Interval Error
TIES	Telecom Information Exchange Services, Genf
TIES	Time-Independent Escape Sequence
TIF	Tag Image Format
TIFF	Tag/Tagged Image File Format
TIG	Terminal Internet Gateway
TIGA	Texas Instruments Graphics Architecture
TIL	Technical Information Library
TIM	Thermal Interface Material
TIM	Traffic Indication Map/Message
TINAR	This Is Not A Recommendation/Review (Slang)
TINC	There Is No Cabal (Slang)
TINS	This Is No Shit (Slang)
TINWIS	That Is Not What I Said (Slang)
TIP	Technology Integration Program
TIP	Terminal IMP
TIP	Terminal Interface Processor
TIP	Terminal Internet Protocol
TIP	Transputer Image Processing
TIPC	Telecommunications Information Privacy Code
TIPC	Total Information Processing
TIPC	Transparent Inter Process Communication
TIPC	Transputer Image Processing
TIPHON	Telecommunications and Internet Protocol Harmonization over Networks
TIRPC	Transport Independent Remote Procedure Call
TISE	Take It Somewhere Else (Slang)
TK	Telekommunikation
TKG	Telekommunikationsgesetz
TKIP	Temporal Key Integrity Protocol

TKO	Telekommunikationsordnung
TKÜV	Telekommunikations-Überwachungsverordnung
TKV	Telekommunikations-Kundenschutzverordnung
TKZULV	Telekommunikationszulassungsverordnung
TL	Transport Layer
TLA	Temporal Logic of Actions
TLA	Three Letter Acronym
TLA	Top Level Aggregator
TLAB	Translation Look Aside Buffer
TLAP	Token Talk Link Access Protocol
TLB	Translation Look Aside Buffer
TLC	Target Language Compiler
TLD	Top Level Domain
TLDP	The Linux Documentation Project
TLER	Time Limited Error Recovery
TLGE	The Little Golem Editor
TLH	Top Level Hierarchy
TLI	Transport/Transfer Layer/Library Interface
TLK	Trusted Linux Kernel
TLM	Telemetry (word)
TLN	Telephone/Transfer Line Number
TLN	Terminal Location Number
TLN	The Learning/Library/Local Network
TLN	Too Late Now (Slang)
TLN	Transnational Learning Network
TLN	Trunk Line Network
TLNKG	Teilnehmerkennung (NUI)
TLQ	Top Letter Quality
TLS	Transport Layer Security
TLS	Three Level Scheduling
TLT	Teaching, Learning, and Technology
TLT	Temporal Logic of Transitions
TLU	Table Lookup
TLV	Tag, Length, Value
TM	Tape/Trade Mark
TM	Terminal Multiplexer
TM	Test Mode
TM	Traffic Management
TM	Transaction Monitor
TM	Turing Machine

TMA	Telecom Management
TMA	Telecommunication Managers' Association
TMA	Telekom Malaysia
TMA	Thinfilm Micromirror Array
TMA	Timeseries Moving Average
TMA	Tivoli Management Agent
TMA	Trusted Mail Agent
TMAC	Telex Multimedia Audio Communication
TMAC	Tool Monitor Adaptive Control
TMC	Traffic Message Channel
TMD	Time Division Multiplexing
TMDS	Transition Minimized Differential Signal
TME	Tetra Meldeempfänger
TME	Tivoli Management Environment
TMG	Telemediengesetz
TMM	Testing Maturity Model
TMN	Telecom Managed Network
TMN	Telecommunications Management Network
TMO	Thermal Magnetic Optical
TMP	Temporary
TMR	Triple Modular Redundancy
TMR	Tunnel/Tunneling Magnetoresistance
TMRC	Tech Model Railroad Club
TMS	Truth Maintenance System
TMSI	Temporary Mobile Subscriber Identity
TMSL	Test and Measurement Systems Language
TMTO	Time Memory Trade Off
TMTOWTDI	There's More Than One Way To Do It (Slang)
TN	TelNet
TN	Twisted Nematic (panel)
TNA	Temex-Netzabschluss
TNB	Teilnehmernetzbetreiber
TNB	Telekommunikationsnetz-Betreiber
TNC	Terminal Node Controller
TND	(Directie) Toezicht Netwerken en Diensten (NL)
TNFEM	Twisted Nematic Field Effective Material
TNHD	The New Hackers's Dictionary
TNN	Transport Network Node
TNPC	Taiwan New PC Consortium
TNPP	Telocator Network Paging Protocol

TNS	Temporal Noise Shaping
TNS	Transparent Network Substrate
TNV	Total Network Visibility
TNX	Thanks (Slang)
TO	Timeout
TOA	Type Of Address
TOC	Table Of Content/Contents
TOD	Time Of Day
TODO	(kein Akronym, to do = noch zu erledigen)
TOE	TCP/IP Offload Engine
TOEIC	Test of English for International Communication
TOF	Task Oriented Forms
TOF	Top of Form
TOFU	Text Oben, Fullquote Unten (Slang)
TOI	T-Online International AG
TOJ	Tears Of Joy (Slang)
TOL	T-Online
TOM	T-Online Messenger
TOP	Table Of Pages
TOP	Technical and Office Protocol
TOPFET	Temperature and Overload Protected FET
TOR	Telex Over Radio
TOR	The Onion Router
TOS	Tape Operating System
TOS	The/Tramiel’s Operating System
TOS	Top Of Stack
TOS	Type Of Service
TOUR	Transport Optional Upgrade Release
TP	Technology Preview
TP	Tiefpass
TP	Traffic Program
TP	Transaction Processing
TP	Transport Protocol
TP	Turbo PASCAL
TP0	Transport Protocol Class 0 (OSI)
TP4	Transport Protocol Class 4 (OSI)
TPA	Transient Program Area
TPC	Transaction Processing/Performance Council
TPC	Transmit Power Control
TPDDI	Twisted Pair Distributed Data Interface

TPDU	Transport Protocol Data Unit
TPEP	Trusted Product Evaluation Program
TPF	The Perl Foundation
TPF	Transmission Priority Field
TPH	Transport Packet Header
TPI	Tag Protocol Identifier
TPI	tracks per inch
TPM	Terrible/Trusted Platform Module
TPM	Third Party Maintenance
TPM	Transactions Per Minute
TPM	Trusted Platform Module
TPS	Third Person Shooter
TPS	Transaction Processing System
TPS	Transactions Per Second
TPSE	Transaction Processing Service Element
TPSN	Timing-Sync Protocol for Sensor Networks
TPTB	The Powers That Be (Slang)
TPU	Text Processing Utility
TPU	Transparency Unit
TPU	Turbo PASCAL Unit
TQFP	Thin Quad Flat Package
TQM	Total Quality Management
TR	Task Register
TR	Technische Richtlinie
TR	Terminal Ready
TR	Token Ring
TR	Travan Cartridge
TR	Travel Report
TR	Trunk Reservation
TRA	Technology Related Anxiety
TRA	Telecommunications Research Associates
TRAC	Telecommunications Recommendations Application Committee
TRAU	Transcoder and Rate Adaption Unit
TRC	Tone Reproduction Curve
TRCVR	Transmitter-Receiver, Transceiver
TRDMC	Tears Running Down My Cheeks (Slang)
TRE	Telecommunications Research Establishment, Malvern, England
TREAT	Trouble Report Evaluation and Analysis Tool
TREC	Text Retrieval Conference
TRIL	Token Ring Interoperability Lab

TRIP	Telephony Routing over IP
TRIPS	Tera-op, Reliable, Intelligently adaptive Processing System
TRIPS	Trade-related Aspects of Intellectual Property Rights
TRIZ	Teorija Reschenija Isobretatelskich Zadatsch
TRMPWR	Terminator Power (Leitung, SCSI)
TRNG	True Random Number Generator
TROLI	Token Ring Optimized Link Interface
TRON	The Realtime Operating System Nucleus
TRT	Token Ring Terminal
TRT	Token Ring/Rotation Time/Timer
TRX	Transmitter-Receiver, Transceiver
TS	Telesync
TS	Transport Station, Telekom Service
TSA	Target Service Agent
TSA	Technical Support Alliance, Test Signal Analyser
TSAP	Transport Service Access Point (OSI)
TSAPI	Telephony Server/Service Application Programming Interface
TSB	Technical Service Bulletin
TSC	Time Stamp Counter
TSC	Transport Scrambling Control
TSCC	Technical Standards and Common Criteria
TSCC	Technical Support Call/Contact Center
TSCC	Techsmith Screen Capture Codec
TSCC	Terminal Server Connection Configuration
TSCC	Time Slot Control Channel
TSE	Text Setup Environment
TSF	Timing Synchronization Function
TSM	Terminal Server Manager (DEC)
TSM	Tivoli Storage Manager
TSO	TCP Segmentation Offload
TSO	Time Sharing Option (IBM)
TSOHF	Total Sense Of Humour Failure (Slang)
TSOP	Thin Small Outline Package
TSP	Texture and Shading Processor
TSP	Time-Stamp Protocol
TSP	Travelling Salesman Problem
TSPI	Telephony Service Provider Interface
TSPS	Traffic Service Position System
TSR	Terminate and Stay Resident
TSS	Task State Segment

TSS	TCP Support for Sensor Networks
TSS	Telecommunications Standardisation/Standards Sector (ITU)
TSS	Temex-Schnittstelle
TSS	Time Sharing System
TSSDC	Task State Segment Descriptor Cache
TST	Transmit Start Threshold
TSTN	Triple Supertwisted Nematic
TSW	Tele-Software
TSWTCM	Time Sliding Window Three Colour Marker
TT	Terminal Timing
TT	Tracing Thread
TT	Trunk Type
TTAP	Trust Technology Assessment Program
TTBOMK	To The Best Of My Knowledge (Slang)
TTCAN	Time Triggered Communications Area Network
TTCN	Testing and Test Control Notation
TTF	Truetype Font, Timetable File
TTFF	Time To First Fix (GPS)
TTFN	Ta Ta For Now (Slang)
TTI	Teaching, Training, and Information
TTL	Time To Live
TTL	Transistor-Transistor-Logik
TTLS	Tunneled Transport Layer Security
TTML	Tagged Text Markup Language
TTO	Tactical Technology Office
TTP	Time Triggered Protocol
TTP	Timed Token Protocol
TTP	Trusted Third Party
TTRT	Target Token Rotation Time/Timer
TTS	Text To Speech
TTS	Transaction Tracking System
TTT	Teleteaching and Training
TTT	That's The Truth (Slang)
TTTN	Tandem Tie Trunk Network
TTU	Teletex-Telex-Umsetzer
TTUL	Talk To You Later (Slang)
TTW	Through The Web
TTX	Teletex
TTX	Videotext
TTXAU	Teletex Access Unit

TTY	Teletype (Fernschreiber)
TTYL	Type/Talk To You Later (Slang)
TU	Tributary Unit
TUBA	TCP and UDP with Big/Bigger Addresses
TUD	Technische Universität Darmstadt (ehemals THD), Deutschland
TUEB	Temex-Uebertragungsbaugruppe
TUG	TeX User Group
TUG	Tributary Unit Group
TUHS	The UNIX Heritage Society
TUI	Text/Touch User Interface
TULIP	TCP and UDP over Lightweight IP
TUP	Telephone User Port
TUSTEP	Tübinger System von Textverarbeitungsprogrammen
TV	Television
TVC	Transient Virtual Channel
TVI	Television Interference
TVOL	TV Online Cable Service
TVR	Temex-Vermittlungsrechner
TVS	Transient Voltage Suppressor
TVST	Teilnehmer-Vermittlungsstelle
TVX	Valid Transmission Time/Timer
TWAIN	Technology Without An Interesting Name
TWINKLE	The Weizman Institute Key Locating Engine
TWIRP	Two Way Infrared Protocol
TWIU	That’s What I Understand/Understood (Slang)
TWSC	Team World Service Center
TWX	Teletypewriter Exchange Service
TWX	Twinax (Cable)
TX	Telex (Fernschreiben)
TX	transmit, Transmitter
TXC	Transmit Clock
TXD	Tranmitted Data
TXD	Transmitter Delay
TYCLO	Turn Your Caps Lock Off (Slang)
TYVM	Thank You Very Much (Slang)

U	Ultra-, Uniform, Universal, Unix, User
UA	Unnumbered Acknowledgement (frame)
UA	User Area/Agent (OSI)

UA	Upgrade Advantage
UAA	Universally Administered Address
UAAC	University Academic Advising Center, USA
UAC	Unbalanced Asynchronous Class
UAC	User Account Control
UAE	Universelle Anschlusseinrichtung
UAE	Unrecoverable Application Error
UAF	User Authorization File
UAM	User Authentication Method/Module
UAP	Upper Address Part (Bluetooth)
UART	Universal Asynchronous Receiver Transmitter
UAWG	Universal ADSL Working Group
UBB	Unified Back Buffer
UBC	Unified Buffer Cache
UBC	University of British Columbia
UBE	Unsolicited Bulk Electronic Mail
UBH	Union de Bloggers Hispanos
UBH	Universität der Bundeswehr Hamburg
UBH	Universitätsbibliothek Heidelberg
UBH	Usenet Binary Harvester
UBHR	User Block Handling Routine
UBK	Universitätsbibliothek Karlsruhe
UBR	Unspecified/Undefined Bit Rate
UC	Ubiquitous Computing
UC	Universal Code
UC	Upper Case
UCAID	University Corporation for Advanced Internet Development
UCAR	University Corporation for Atmospheric Research
UCB	University of California at Berkeley, USA
UCD	Uniform Call Distributor
UCD	Univention Corporate Desktop
UCE	Unsolicited Commercial Electronic Mail
UCF	Unregister Confirmation
UCFS	Unix Connectivity File Service
UCI	Universal Chess Interface
UCIR	User Controlled Interactive Retrieval
UCITA	Uniform Computer Information Transaction Act
UCL	Universal Communications Language
UCL	University College London
UCLA	University of California at Los Angeles, USA

UCO	Unstructured Complex Object
UCR	Undercolor Removal
UCS	Uniform Chromaticity Scale
UCS	Univention Corporate Server
UCS	Universal Card Slot
UCS	Universal Character Set (ISO 10646)
UCSB	University of California at Santa Barbara, USA
UCSC	University of California at Santa Cruz, USA
UCSD	University of California at San Diego, USA
UCSF	University of California at San Francisco, USA
UDB	Universal Database
UDC	User Defined Command
UDDI	Universal Description, Discovery and Integration
UDF	Uniqueness Database File
UDF	Universal Disk Format
UDF	User Defined Function
UDI	Unified Display/Driver Interface
UDI	Universal Document Identifier
UDI	Unrestricted Digital Information
UDK	Universale Dezimalklassifikation
UDLC	Universal Data Link Control
UDLI	Unified Design Language for Integrated Circuits, UDL/I
UDM	Unternehmensdatenmodell
UDMA	Ultra Direct Memory Access
UDO	Ultra Density Optical (storage, disc)
UDP	Usenet Death Penalty (Slang)
UDP	User Datagram Protocol (Internet)
UDP	User Defined Protocol
UDRP	Uniform Domain Name Dispute Resolution Policy (ICANN)
UDSL	Unidirectional/Universal Digital Subscriber Line
UDSV	Teledienst-Unternehmen-Datenschutz-Verordnung
UDT	User Defined Datatype
UE	Unterhaltungs-Elektronik
UEB	Übertragungseinheit mit Basisbandverfahren
UEC	User Environment Component
UED	Unreal Tournament Editor
UED	URL Encoded Data
UED	User Environment Design
UED	User Experience Database/Directory
UEFI	Unified Extensible Firmware Interface

UEG	Übertragungseinheit nach ITU G.703
UEI	Übertragungseinheit nach ITU I.430
UEM	Übertragungseinheit mit Modemverfahren
UEM	Universal Energy Management
UEP	Übergabepunkt
UEP	Unequal Error Protection
UERE	User Equivalent Range Error (GPS)
UEV	User End of Volume
UFC	Ubiquitous Fashionable Computer
UFC	Unified File Cache
UFC	URL Filter Client
UFC	User Filtered Content
UFS	Ultra Fast Switching
UFS	Universal/UNIX File System
UFS	Universal Flash Storage
UG	Underrun Goal
UG	User Group
UGL	Universal Glyph List
UGS	Univention Groupware Server
UHC	Unified Hangul Code
UHCI	Universal Host Controller Interface
UHD	User Help Desk
UHF	Ultrahigh Frequency (300 MHz – 3 GHz)
UHG	Ultrahigh Gain (Antenna)
UHL	User Header Label
UHN	Unique Home Node
UI	UNIX International
UI	Unnumbered Information (frame)
UI	User Interface
UIAP	UNIX International Asia/Pacific
UIC	User Identification Code
UIC	User Interface Classes
UID	Unique/Unix/User Identifier
UIDL	Unique Identifier Listing
UIFRAME	Unnumbered Information Frame
UIL	User Interface Language
UIM	User Interface Management
UIML	User Interface Markup Language
UIMS	User Interface Management System
UIO	Userspace Input Output

UIPI	User Interface Privilege Isolation
UIS	User Interface Specification
UIT	Union Internationale des Telecommunications
UKW	Ultrakurzwelle
UL	Underwriters' Laboratory, Inc.
UL	Upload
UL	Urban Legend (Slang)
ULA	Uncommitted Logic Array
ULA	Unique Local Address
ULD	Unabhängiges Landeszentrum für Datenschutz, Kiel
ULCPC	Ultra Low Cost Personal Computer
UIN	Unbreakable Linux Network
UIN	Unique Identification Number
UIN	Universal Internet Number
ULN	Universal Link Negotiation
ULP	Unit in the Last Place
ULP	Upper Layer Protocol
ULSI	Ultra Large Scale Integration
ULSN	Ultra Low Speed Networking
ULV	Ultra Low Voltage
UM	Unified Messaging
UMA	Unified/Uniform Memory Access/Architecture
UMA	Universal Management Architecture
UMA	Unlicensed Mobile Access
UMA	Upper Memory Area
UMAC	Universal Hashing Message Authentication Code
UMB	Upper Memory Block
UMD	Universal Media Disc (Sony)
UMI	User MAN Interface
UMIT	University of Manchester Institute of Technology, UK
UMIT	Utilities, Municipalities, and Independent Telcos
UML	Unified Modeling Language
UML	User Mode Linux
UMM	Unidirectional Multipoint to Multipoint
UMM	Unix Macro Magician
UMPC	Ultra Mobile Personal Computer
UMS	Unified Messaging System
UMTS	Universal Mobile Telecommunications System
UN	Unbalanced Normal
UN	United Nations

UNA	Upstream Neighbour Address
UNC	Unbalanced Normal Class
UNC	Uncorrectable (error)
UNC	Unique/Universal Naming Convention
UNC	University of North Carolina, USA
UNDI	Universal Network Device Interface
UNGTDI	UN Guidelines for Trade Data Interchange
UNI	User Network Interface
UNICOM	Universal Integrated Communication System
UNICORE	Uniform Interface to Computing Resources
UNICOS	UNIX-based Cray Operating System
UNII	Unlicensed National Information Infrastructure
UNIVAC	Universal Automatic Computer
UNIX	(kein Akronym, not an acronym)
UNMA	Unified Network Management Architecture
UNO	Universal Network Objects
UNSW	University of New South Wales, Australia
UP	Unambiguous nondeterministic Polynomial time
UP	Unnumbered Poll
UP	User Plane
UPA	Ultra Port Architecture (Sun)
UPA	Usability Professionals Association
UPC	Universal Printer Controller
UPC	Universal Product Code
UPC	Usage/User Parameter Control
UPE	User Portability Extension
UPGS	Unfinished Project Guilt Syndrome
UPI	United Press International
UPI	Universal Peripheral Interface
UPI	Upper Prediction Interval
UPL	User Program Language
UPM	Unidirectional Point to Multipoint
UPM	User Profile Management (IBM)
UPN	Umgekehrte Polnische Notation, RPN
UPNP	Universal Plug and Play
UPP	Unidirectional Point to Point
UPPS	Universal Portable Protocol Stack
UPS	Uninterruptable Power Supply, USV
UPT	Universal Personal Telecommunication (service)
URA	Uniform Resource Agent

URC	Uniform Resource Characterictics/Citation
URD	URL Rendezvous Directory
URGC	Uniform Reliable Group Communication Protocol
URI	Uniform/Universal Resource Identifier
URJ	Unregister Reject
URL	Universal/Uniform Resource Locator (Internet)
URM	Unbegrenzte Registermaschine
URM	Universal Retention Module
URN	Uniform Resource Name/Number
URQ	Unregister Request
URSI	Union Radio-Scientifique Internationale
US	Unit Separator
USAN	University Satellite Network
USART	Universal Synchronous Asynchronous Receiver Transmitter
USB	Universal Serial Bus
USB	Upper Side Band
USC	University of Southern California
USDC	US Display Consortium
USF	Uplink State Flag
USFF	Ultra Slim Form Factor
USG	UNIX Support/System Group (Novell)
USIA	US Information Agency
USIM	Universal Subscriber Identification/Identity Module
USK	Unterhaltungssoftwareselbstkontrolle
USKA	Union Schweizer Kurzwellenamateure
USL	UNIX System Laboratories (AT&T, Novell)
USLE	UNIX System Laboratories Europe
USM	User-based Security Model
USN	Update Sequence Number
USO	UNIX Software Operation
USOC	Uniform Service Order Code
USRP	Universal Software Radio Peripheral
USRT	Universal Synchronous Receiver Transmitter
USSA	Universal Storage System Architecture
USSD	Unstructured Supplementary Service Data
USTA	US Telephone Association
USV	Unterbrechungsfreie Stromversorgung, UPS
USW	Ultra Short Wave
UT	Universal Terminal/Time
UTC	Unicode Technical Committee

UTC	Universal Time Coordinated
UTDOA	Uplink Time Difference Of Arrival
UTF	Unicode Transformation Format (UTF-8, UTF-16, UTF-32)
UTI	Universal Text Interchange
UTL	User Trailer Label
UTLB	Unified TLB
UTMA	Ultra Thin Client Multiple Access
UTNET	University of Texas Network
UTP	Universal Personal Telephone Service
UTP	Unshielded Twisted Pair
UTRA	UMTS Terrestrial Radio Access
UTRAN	UMTS Radio Access Network
UTSL	Use The Source, Luke (Slang)
UUCP	UNIX to UNIX Copy Program/Protokoll
UUID	Unique Universal Identifier (DCE)
UUID	Universally Unique Identifier
UULP	Unified User Level Protocol
UUS	User to User Signalling
UUU	Unknown UNIX User (J. Random Hacker?)
UV	Ultraviolett
UVC	USB Video Class
UVD	Unified Video Decoder
UVL	User Volume Label
UVP	Under-Voltage Protection
UWB	Ultra Wide Band
UWG	Gesetz gegen den unlauteren Wettbewerb
UWM	Universal Window Manager
UX	Unix (all kinds, BSD + Linux incl.)
UXGA	Ultra Extended Graphics Array

V	Value, Video, Virtual
V24	V.24(CCITT-Norm für eine serielle Schnittstelle)
V4FSL	System V Release 4 File System Layout
VA	Vertical Alignment (panel)
VA	Virtual Address
VA	Volladdierer
VA	Vulnerability Assessment
VAB	Value Added Business
VACM	View-based Access Control Model

VAD	Value Added Driver/Disaster/Dealer
VAD	Value Assignment Delay
VAD	Voice Activity Detection/Detector
VADCG	Vancouver Amateur Digital Communications Group
VADD	Value Added Disk Driver
VADE	View, Add, Delete, Edit
VADER	View, Add, Delete, Edit, Restore
VADS	Value Added Data Service
VADSL	Very High Rate Asymmetrical Digital Subscriber Line
VAFC	VESA Advanced Feature Connector
VAL	Voice Application Language
VAM	Verband der Anbieter von Mobilfunkdiensten, Bonn
VAM	Virtual Access Method
VAN	Value Added Network
VANS	Value Added Network Services
VAP	Value Added Process
VAP	Virtual Access Point
VAR	Value Added Reseller/Retailer
VAS	Value Added Service
VASCOM	Value Added Services Network Communication
VAST	Vector and Array Syntax Translator
VAT	Video/Visual Audio Tool
VATM	Verband der Anbieter von Telekommunikations- und Mehrwertdiensten
VATP	Velazquez Application Transfer Protocol
VAX	Virtual Address Extension (DEC)
VB	Variable Block
VB	VESA Bus
VB	Virtual Beer
VB	Visual Basic
VBA	Visual BASIC for Applications (Microsoft)
VBE	VESA BIOS Extensions
VBFS	Very Big File System
VBG	Very Big Grin (Slang)
VBL	Vertical Blanking
VBN	Vermittelndes/Vermitteltes/Vorläufer Breitbandnetz (Telekom)
VBNS	Very High Performance/Speed Backbone/Broadband Network Service
VBR	Variable Bit Rate (Encoding)
VBR-NRT	Variable Bit Rate - No Real Time
VBR-RT	Variable Bit Rate - Real Time
VBS	Verteiltes Betriebssystem

VBS	Visual Basic Script
VC	Virtual Call/Circuit/Channel/Connection/Container
VCA	Voltage Controlled Amplifier
VCC	Virtual Channel Connection
VCCI	Voluntary Control Council for Interferences
VCD	Video Compact Disc
VCD	Virtual Communications Driver
VCEG	Video Coding Experts Group
VCF	Voltage Controlled Filter
VCI	Virtual Channel Identifier/Indicator
VCK	Virtueller Campus Karlsruhe
VCL	Video Coding Layer
VCL	Virtual Channel Link
VCL	Visual Computing Library
VCLF	Virtual (host) Common Logfile Format
VCM	Virtual Channel Memory
VCO	Voltage Controlled Oscillator
VCPI	Virtual Control Programm Interface
VCR	Video Cassette/Conference Recorder
VCS	Virtueller Campus Schweiz
VCS	Version/Virus Control System
VCSC	Virtual Campus Supercomputing Center
VCSEL	Vertical Cavity Surface Emitting Laser
VCSIP	Videotex Communication System for Information Providers
VCU	Voice Communication Unit
VCX	Virtual Component Exchange
VD	Voice + Data, V+D
VD	Volume Descriptor
VDC	Virtual Device Coordinates
VDCW	Verband der Deutschen Content Wirtschaft
VDD	Virtual Device/Display Driver
VDDM	Virtual Device Driver Manager
VDOP	Vertical Dilution Of Precision
VDE	Verallgemeinertes Darstellungselement
VDE	Verband Deutscher Elektrotechniker
VDE	Video Display Editor
VDE	Virtual Distributed Ethernet
VDEW	Vereinigung Deutscher Elektrizitätswerke
VDF	Variable Data File
VDG	Video Display Generator

VDI	Video Display Interface
VDI	Virtual Desktop Infrastructure
VDI	Virtual Device Interface
VDM	Vienna Development Method
VDM	Virtual DOS Machine
VDMSL	Vienna Development Method – Semantic Language
VDN	Virtual Data Network
VDP	Video Datagram Protocol
VDP	Video Distribution Profile
VDPI	Verein der Post-Ingenieure
VDR	Video Disc Recorder
VDR	Voltage Dependent Resistor
VDS	Virtual Direct Memory Access Service
VDSL	Very High Bitrate/Data Rate Digital Subscriber Line
VDSO	Virtual Dynamically linked Shared Object
VDT	Video/Visual Display Terminal
VDU	Video/Visual Display Unit
VDV	Vorbestellte Dauerwählverbindung
VE	Verbraucher-Elektronik
VE	Vermittlungseinrichtung
VE	Virtual Environment
VE	Volksempfänger
VECLF	Virtual (host) Extended Logfile Format
VEMM	Virtual Expanded Memory Manager
VERI	Virtual Environments Research Institute, Houston
VERIF	Verification
VERP	Variable Envelope Return Path
VESA	Video Electronics Standards Association
VEX	Video Extensions to XWS
VF	Voice Frequency
VFAT	Virtual File Allocation Table
VFD	Vacuum Fluorescent Display
VFH	Virtuelle Fachhochschule
VFIP	Voice File Interchange Protocol (Internet)
VFIR	Very Fast Infrared
VFN	Vendor Feature Note
VFO	Variable Frequency Oscillator
VFPI	Verein zur Förderung der Pädagogik der Informationstechnologie
VFS	Versioning File System
VFS	Virtual File System

VFSDX	Verordnung für den Fernschreib- und Datexdienst
VFW	Video For Windows (Microsoft)
VG	Volume Group
VGA	Vertical Grid Array
VGA	Video Graphics Array
VGC	Video Graphics Controller
VGDA	Volume Group Descriptor Area
VGF	Voice Grade Facility
VGNV	Verkehrsgebührennachverarbeitung
VGRA	Volume Group Reserved Area
VGU	Virtual Global University
VHCI	Virtual Host Controller Interconnect
VHD	Very/Video High Density
VHD	Virtual Hard Disk/Help Desk
VHDCI	Very High Density Cable Interconnect
VHDL	VHSIC Hardware Description Language
VHDSL	Very High Bit Rate/Speed Digital Subscriber Line
VHE	Virtual Home Environment
VHF	Very High Frequency (30 – 300 MHz)
VHLL	Very High Level Language
VHS	Very High Speed
VHS	Video Home System
VHS	Virtual Host Storage
VHSIC	Very High Speed Integrated Circuit
VHSIM	Very High Speed Interface Module
VHT	Verteilte Hash-Tabelle
VIA	Vendors ISDN Association
VIA	Virtual Interface Architecture
VIAD	Video Image Area Definition
VIB	Video Interface Bus
VIB	Virtualisierung im Bildungsbereich
VIBTS	VTAM Integrated Bulk Data Transfer System
VIC	Video/Voice Interface Card/Controller
VID	VLAN Identifier
VID	Voltage Identification
VEIL	Video Encoded Invisible Light
VIKAR	Virtueller Hochschulverbund Karlsruhe
VIM	Vendor Independent Messaging
VINCE	Vendor Independent Network Control Entity
VINES	Virtual Network/Networking System/Software (Banyan)

VIO	Video/Virtual/Voltage Input Output
VIOLA	Vertically Integrated Optical Testbed for Large Applications
VIOLD	Vision Impaired On-line Documentation (DEC)
VIP	Variable Information Processing
VIP	Video Input Processor
VIP	Video Interface Port
VIP	Virtual IP (address, network)
VIRIM	Virtual Reality in Medicine
VIROR	Virtuelle Universität Oberrhein
VIS	Voice Information System, Virtual Instruction Set
VISC	Video Instruction Set Computing
VISDP	verantwortlich im Sinne des Pressegestzes
VITA	VMEbus International Trade Association
VITAL	Virtually Integrated Technical Architecture Lifecycle (Apple)
VJ	Van Jacobsen (Compression)
VJHC	Van Jacobsen Header Compression
VK	Videokonferenz
VK	Visitenkarte
VK	Visuelle Kommunikation
VKL	Verkehrseinschränkungsklasse
VL	Virtual Life (Slang)
VL	Volume Location
VLA	Very Large Array
VLA	Volume License Agreement
VLAN	Very/Virtual Local Area Network
VLB	Verzeichnis lieferbarer Bücher
VLB	VESA Local Bus
VLBA	Very Long Baseline Array
VLBI	Very Long Baseline Interferometry
VLC	Variable (word) Length Code
VLDB	Very Large Data Base
VLDB	Volume Location Database
VLDW	Very Long Data Word
VLF	Very Low Frequency
VLF	Virtual Lookaside Facility
VLI	Variable Length Integer
VLIS	Verkehrs-Leit und Informations-System
VLIW	Very Long Instruction Word
VLM	Very Large Memory
VLM	Virtual Loadable Module

VLP	Very Low Profile
VLR	Visitor Location Register
VLSI	Very Large Scale Integration
VLSIC	Very Large Scale Integration Circuit
VLSM	Variable Length Subnet Mask/Masking
VM	Video Mode
VM	Virtual Machine/Memory
VMA	Virtual Memory Access/Area
VMB	Video Memory Buffer
VMC	VESA Media Channel
VMD	Versatile Multilayer Disc
VME	Versacard Modified for Eurocard (Bus)
VME	Virtual Memory Executive
VME	Virtual (8086) Mode Enhancements
VMG	Video Manager
VMI	Vertical Motion Index
VMI	Video Module Interface
VMI	Virtual Machine Interface
VMI	VMware Machine Interface
VML	Vector Markup Language
VML	Vector Mathematical Library
VMM	Virtual Machine/Memory Manager/Monitor
VMR	Video Mixing Renderer
VMRP	VLAN Membership Resolution Protocol
VMS	Virtual Memory System (DEC)
VMS	Voice Mail/Messaging Server/System
VMSC	Visited Mobile Switching Centre
VMT	Virtual Memory Technique
VMT	Virtual Method Table
VMTP	Versatile Message Transaction Protocol (Internet)
VMX	Vector Multimedia Extension
VMZ	Verkehrsmanagement-Zentrum/Zentrale
VNA	Virtual Network Architecture
VNC	Virtual Network Computing
VNET	Virtual Network
VNL	Via Net Loss
VNS	Virtual Notebook System
VO	Virtual Object/Organization
VO	Vollzugsordnung (Funkdienst)
VOB	Video Object

VOBS	Video Object Set
VOBU	Video Object Unit
VOC	Voice (File)
VOC	Volatile Organic Compound
VOD	Video On Demand
VODS	Video Operators Distress Syndrom
VOF	Vollzugsordnung für den Funkdienst
VOFDM	Vector Orthogonal Frequency Division Multiplexing
VOFR	Voice over Frame Relay
VOI	Verband der Optischen Informationssysteme
VOIP	Voice over IP
VOL	Volume Label
VON	Video/Voice Over Net
VOR	VHF Omnidirectional Radio Range
VOS	Virtual Operating System
VOTS	VAX OSI Transport Service
VOX	Voice Operated Transmission
VP	Virtual Path
VPA	Virtual Proxy Agent
VPC	Very Personal Computer
VPC	Virtual Path Connection
VPC	Virtual Personal Computer
VPD	Vacuum Photo Diode
VPD	Verified Pateint Data
VPD	Version Planning Document
VPD	Vertical Polar Diagram
VPD	Vertically Polarized Dipole
VPD	Virtual Predictive Dialing
VPD	Virtual Printer Device
VPD	Virtual Private Database
VPD	Virtual Product Development
VPD	Vital Product Data (IBM)
VPD	Voice Packet Driver
VPD	Volunteer Project Directory
VPDN	Virtual Private Data/Dialup Network
VPDS	Virtual Private Data Service
VPE	Virtual Processing Element
VPI	Virtual Path Identifier/Indicator
VPL	Virtual Path Link
VPL	Virtual/Visual Programming Language

VPLS	Virtual Private LAN/Line Service
VPM	Virtual Protocol Machine
VPN	Virtual Private Network
VPNS	Virtual Private Network Service
VPO	Virtual Projection Origin
VPP	Value Predictability Pattern
VPP	Virtual Presence Protocol
VPP	Volts Peak to Peak
VPP	VXI Plug + Play
VPRT	Verband Privater Rundfunk und Telekommunikation
VPS	Verbindungsprogrammierte Steuerung
VPS	Video Program/Programm/Programmier-Service/System
VPS	Virtual Private Server
VPT	Virtual Printing Technology
VPU	Video/Virtual/Visual/Vector/Voice Processing/Processor Unit
VPV	Videotex programmiert Video-Recorder
VPWS	Virtual Private Wire Service
VQ	Vector Quantization
VQEG	Video Quality Experts Group
VQF	Vector Quantization Format
VR	Virtual Reality/Route
VR	Voltage Regulator
VRA	Vollständiger Regulärer Ausdruck
VRAM	Video Random Access Memory
VRC	Vertical Redundancy Check
VRC	Viewing Reference Coordinate
VRC	Virtual Route Control
VRCA	Virtual Reality Center Aachen
VRCB	Virtual Route Control Block
VRD	Virtual Retinal Display
VRF	Vector Register File
VRF	Video Recording Format
VRID	Virtual Route Identifier
VRM	Variable Range Marker
VRM	Voltage Regulator Module
VRML	Virtual Reality Modeling Language
VRN	Virtual Route Number
VROOMM	Virtual Realtime Object-Oriented Memory Management
VRP	Viewing Reference Point
VRPRQ	Virtual Route Pacing Request

VRPRS	Virtual Route Pacing Response
VRRP	Virtual Router Redundancy Protocol
VRU	Voice Response Unit
VRV	Vorwärts-Rückwärts-Verhältnis
VS	Virtual Storage
VSA	Virtual Server Architecture
VSA	Virtual Storage Access
VSAM	Virtual Storage Access Method
VSAT	Very Small Aperture Terminal
VSC	Voice Security Card
VSD	Variable Speed Drive
VSE	Verification Support Environment
VSE	Virtual Storage Extended
VSF	Vertical Scanning Frequency
VSI	Verband der Software-Industrie Deutschlands e. V.
VSI	Virtual Socket Interface (Alliance)
VSIS	Video Signal Standard (VESA)
VSK	Video-Sender-Kennung
VSL	Vienna Symphonic Library
VSL	Virtual Socket Library
VSM	Virtual Shared Memory
VSM	Virtual Storage Management
VSMO	Virtual Social Memory Organizer
VSMSC	Virtual Short Message Center
VSN	Virtual Switched Network
VSO	Variable Speed Operation
VSO	Vertical Synchronization Offset
VSO	VITA Standards Organization
VSOP	Very Special Old Programmer (like me)
VSOS	Virtual Storage Operating System
VSPW	Vertical Synchronization Pulse Width
VST	Vermittlungsstelle
VST	Voltage Settling Time
VSWR	Voltage Standing Wave Ratio
VSX	Verification Suite for X/Open
VSYNC	Vertical Synchronization (signal)
VT	Vanderpool Technology (Intel)
VT	Vertical Tabulator
VT	Video/Virtual Terminal
VT	Visualization Tool

VTAM	Virtual Terminal/Telecommunications Access Method
VTB	Video Timing Block
VTC	Vertical Transistor Cell
VTC	Video Teleconference Center
VTCO	Virtual Terminal Control Object
VTM	Verband der Telekommunikationsnetz- und Mehrwertdiensteanbieter, Köln
VTOA	Voice and Telephony Over ATM
VTOC	Volume Table Of Contents
VTOS	Virtual Time Operating System
VTP	Virtual Terminal Protocol
VTS	Video Title Set
VTS	Virtual Tape/Terminal Server/Service/Support
VTS	Voucher Trading System
VTSU	Virtual Terminal Support
VU	Volume Unit (Lautstärke)
VUD	Verband der Unterhaltungssoftware Deutschland
VUE	Visual User Environment
VUEN	Virtual University Education Network
VUI	Video User Interface
VUIT	Visual User Interface Tool (DEC)
VUP	VAX Unit of Performance
VUP	Version Upgrade
VV	Versorgungsvereinbarung
VV	Virtual Virtuality
VVL	Verbund Virtuelles Labor
VVPAT	Voter Verified Paper Audit Trail
VWM	Virtual Warehouse Manager
VXD	Virtual Device Driver (Microsoft)
VXE	VESA XGA Extensions
VXFS	VERITAS File System
VXI	VME Extensions for Instrumentation
VZFDPBDK	Verein zur Förderung der privat betriebenen Daten-Kommunikation e. V.

W	Wide, Window, Wireless, World
W3	WWW, World Wide Web (Internet)
W3C	World Wide Web Consortium
WAA	Wavelet Analysis and its Applications
WAA	Web Analytics Association
WAA	Web Application Adaptor

WAA	Wireless Advertising Association
WAAS	Wide Area Augmentation System
WAB	What Another Bill (Slang)
WABI	Windows Application Binary Interface
WACK	Wait Acknowledgement
WACS	Wireless Access Communications System
WAD	Wählautomat für Datenverbindungen
WADFS	Wide Area Distributed File System
WAE	Worked All Europe
WAENA	Wide Area Educational Network
WAF	Web Application Firewall
WAF	Womens' Acceptance Factor
WAFL	Write Anywhere File Layout
WAI	Web Accessibility Initiative
WAIK	Windows Automated Installation Toolkit
WAIS	Wide Area Information Servers/Service
WAITS	Wide Area Information Transfer System
WAL	Write Ahead Logging
WAM	Warren Abstract Machine
WAM	Wide Amplitude Modulation
WAMKSAM	Why Are My Kids Staring At Me? (Slang)
WAMP	Windows, Apache, MySQL, PHP
WAMPUM	Ward's Automated Menu Package Using Microcomputers
WAN	Wide Area Network
WAO	Warteschlange der ablaufbereiten Objekte
WAP	Wireless Application Protocol
WAP	Wissenschaftlicher Arbeitsplatz
WAPECS	Wireless Access Policy for Electronic Communication Services
WAPI	Wireless Authentication and Privacy Infrastructure
WARC	World Administrative Radio Conference
WASP	Web Standards Project
WATS	Wide Area Telephone/Telecommunications Service
WATTC	World Administrative Telegraph and Telephone Conference
WAWA	Work Anywhere With Anybody
WB	Welcome Back (Slang)
WB	Write Back
WBA	Wireless Broadband Access
WBC	Web Based Communication
WBC	Wide Band Channel
WBEM	Web Based Enterprise Management

WBM	Web Based Management
WBRC	Württembergisch-Badischer Radioclub
WBT	Web Based Training
WBT	Windows Based Terminal
WC	Workgroup Computing
WC	World Coordinate
WC	Worst Case
WCAG	Web Content Accessibility Guidelines
WCF	Waveguide Cavity Filter
WCF	Weather/Wireless Communications Facility
WCF	Web Component Framework
WCF	Windows Communication Foundation
WCF	Word Class Function
WCCP	Web Cache Coordination Protocol
WCDMA	Wideband Code Division Multiple Access
WCE	Write Cache Enable
WCMS	Web Content Management System
WCP	Worst Current Practice
WCPN	Wireless Customer Premises Network
WCS	Wireless Control System
WCS	Writable Control Store
WCT	WIPO Copyright Treaty
WD	Western Digital
WDA	Wahldiensteanbieter
WDDM	Windows Display Driver Model
WDM	Wavelength Division Multiplexer/Multiplexing
WDM	Windows Driver Model
WDS	Wireless Distribution System
WDSL	Wireless Digital Subscriber Line
WDYMBT	What Do You Mean By That (Slang)
WDYS	What Did You Say (Slang)
WDT	Watchdog Timer
WE	Write Enable
WEB	Workshop on E-Business
WEB	World Entertainment Broadcasting
WEB	(short for:) World Wide Web, WWW
WEBDAV	Web Document Authoring And Versioning
WEEB	Western European EDIFACT Board
WEEE	Waste of Electrical and Electronic Equipment
WEFT	Web Embedding Fonts Tool (Microsoft)

WELL	Whole Earth 'Lectronic Link
WEP	Wired/Wireless Equipment/Equivalent Privacy/Protocol
WF	Workflow
WFA	Wi-Fi Alliance
WFG	Wait For Graph
WFM	Wide Frequency Modulation
WFM	Wired for Management
WFM	Works For Me (and no one else)
WFMC	Workflow Management Coalition
WFMS	Workflow Management System
WFP	Wait for First Packet
WFP	Well Formed Path
WFP	Windows File Protection
WFQ	Weighted Fair Queuing
WFS	Woodstock File Server
WFW	Windows For Workgroups (Microsoft)
WG	Working Group (ISO)
WGA	Windows Genuine Advantage
WGDTB	Working Group on Digital Television Broadcasting
WGIG	Working Group on Internet Governance (ITU)
WGS	Work Group System
WGS	World Geodetic System (WGS84)
WHAK	With Hugs And Kisses (Slang)
WHNF	Weak Head Normal Form
WHQL	Windows Hardware Quality Lab
WIA	Windows Image Acquisition
WIBNI	Would It Be Nice If (Slang)
WIC	Wireless Indoor Communication
WILD	Wireless Interactive Learning Device
WIMAX	Worldwide Interoperability for Microwave Access
WIMP	Windows, Icons, Menus/Mice, Pointing (s. a. MUFF)
WIMPS	Windows, Icons, Menus/Mice, Pointing, Scroll bars
WIMRE	Wenn Ich Mich Recht Erinnere (Slang)
WIN	Wireless Inhouse Network
WIN	Wissenschaftsnetz des DFN (X.25)
WINS	Windows Internet Name Service (Microsoft)
WINS	Wireless Integrated Network Sensor
WIP	Work In Progress (Slang)
WIPO	World Intellectual Property Organization
WIS	Windows Installer Service

WISOA	WIMAX Spectrum Owners Alliance
WISP	Wireless Internet Service Provider
WKS	Well Known Service/Socket (Internet)
WL	Wear Leveling
WLAN	Wireless Local Area Network
WLANA	Wireless LAN Association
WLBS	Windows Load Balancing Service
WLL	Wireless Local Loop
WLM	Workload Manager
WM	Window Manager
WMA	Windows Media Audio
WMAN	Wireless Metropolitan Area Network
WMD	Web Media Developers
WMD	Windows Media Device/Download
WMD	World Mail Directory
WMD	WYSIWYM Markdown (language, editor)
WMDRM	Windows Media Digital Rights Management
WME	Windows Media Encoder
WMF	Windows Media/Metafile Format
WMI	Windows Management Interface/Instrumentation
WML	Wireless Markup Language
WMM	Wi-Fi Multimedia
WMN	Wireless Mesh Network
WMR	Wireless Meshing Router
WMRS	Write Me Real Soon (Slang)
WMS	Wide Area Master Station
WMT	Windows Media Technologies
WMV	Windows Media Video
WNIC	WAN Interface Coprocessor
WNIM	WAN Interface Module
WNP	Weissbier Networking Protocol (Microhopf)
WNPP	Work-Needing and Prospective Package (Debian)
WOA	Web Object Application
WOCNRA	Wobble Signal to Noise Ration after Recording
WOD	Web Object Definition
WOK	Wake On Keyboard
WOL	Wake On LAN
WOL	Window Object Library
WOLF	Weak Signal Operation for Low Frequency
WOM	Wake On Modem

WOM	Write-Only-Memory
WOMBAT	Waste Of Money, Brains, And Time (Slang)
WOP	Werkstattorientierte Programmierung
WORM	Write Once, Read Many/Multiple
WOS	Web Object Script
WOS	Web/Workplace/Workstation Operating System
WOS	Webserver On Stick
WOS	Windows Open Services
WOS	Wireless Office Services/Solutions/System
WOS	Wizards of OS (Operating Systems)
WOS	Workshop for Open Systems
WOSA	Windows Open Systems Architecture (Microsoft)
WOT	Web Of Trust
WOTA	Who's On The Air (database)
WP	White Pages
WP	Wikipedia
WP	Word Processor
WP	Write Protected
WPA	Wi-Fi Protected Access
WPAN	Wireless Personal Area Network
WPC	Wearable Personal Computer
WPD	Windows Printer Description
WPF	Windows Presentation Foundation
WPHD	Write Protected Hard Disk
WPIM	WAN Interface Port Module
WPM	words per minute
WPPT	WIPO Performances and Phonograms Treaty
WPS	Wi-Fi Protected Setup
WPS	Windows Printing System
WPS	Workplace Shell (IBM)
WRAM	Window Random Access Memory
WRB	Web Request Broker
WREL	Wireless Resonant Energy Link
WRL	(DEC) Western Research Laboratory
WRP	Winsock Redirection Protocol
WRR	Weighted Round Robin
WRS	Wide Area Ground Reference Station
WRT	With Regard/Respect To (Slang)
WRTH	World Radio and Television Handbook
WS	Wide Screen

WS	Window Size
WS	Workstation
WSAD	Websphere Studio Application Developer
WSDL	Web Services Description Language
WSGI	(Python) Web Server Gateway Interface
WSH	Windows Scripting Host
WSIS	World Summit on the Information Society
WSN	Wireless Sensor Network
WSP	Web Standards Project
WSQ	Wavelet Scalar Quantization
WSRF	Web Services Resource Framework
WSS	Web Services Security
WSS	Windows Sharepoint Services (Microsoft)
WSS	Windows Sound System (Microsoft)
WST	World System Teletext
WSTS	World Semiconductor Trade Statistics
WSUS	Windows Server Update Services
WT	Without Thinking (Slang)
WT	Write Through
WTB	Wanted To Buy (Slang)
WTH	What The Heck/Hell (Slang)
WTK	Wechselstrom-Telegrafie auf Kurzwelle
WTL	Wechselstrom-Telegrafie auf Langwelle
WTLS	Wireless Transport Layer Security
WTOS	Wyse Thin Operating System
WTS	Web/Wireless Tracking System
WTS	Web Transaction Security/Services
WTS	Web Transcoding Server
WTS	WiMAX Test System
WTS	Windows Terminal Server (Microsoft)
WTS	Wireless Telephone System
WTS	World Telecommunication Standardization
WTT	Wanted To Trade (Slang)
WTTF	Want To Test First (Slang)
WTTM	Without Thinking Too Much (Slang)
WULF	Wake Up on Line/Liquid Feed
WUS	Windows Update Services (Microsoft)
WUSB	Wireless Universal Serial Bus
WUXGA	Wide Ultra Extended Graphics Array
WVQ	Wavelet Vector Quantization

WW	Wahlwiederholung
WWC	World Wide Computing
WWDM	Wide Wavelength Division Multiplex
WWG	Wieder Was Gelernt (Slang)
WWOZ	Wahre Weingartener Ortszeit
WWRF	Wireless World Research Forum
WWW	W3, World Wide Web, World Wide Waiting, Weltweites Warten
WWW	Windows 95, Windows 98, and Windows ME
WWW	Works With and Without
WWWW	World Wide Web Wizard/Worm
WWWWW	World Wide Web Worm Warning
WXGA	Wide Extended Graphics Array
WYS	Whatever You Say (Slang)
WYSIWYG	What You See Is What You Get
WYSIWYM	What You See Is What You Mean
WYSIWIS	What You See Is What I See
WZC	Wireless Zero Configuration

X	Exchange, Execute, Extended, X Window System
X11	X Window System Version 11
X11R7	X Window System Version 11 Release 7
XA	Extended Architecture/Attribute
XAA	XFree86 Acceleration Architecture
XAFS	X-ray Absorption Fine Structure
XAML	Extensible Application Markup Language
XAPIA	X.400-API Association
XAUI	10 Gigabit Attachment Unit Interface
XBAC	Experience Based Admission Control
XBAP	XAML Browser Application
XBM	X Window System Black-and-white Bitmap (file)
XBRL	Extensible Business Reporting Language
XCBP	XML Common Biometric Format
XCD	Extended Compact Disc
XCHG	Exchange
XCHS	Extended Cylinders, Heads, Sectors
XCMD	Extended Mode Command (Apple)
XCMD	External Command
XCP	Extended Copy Protection (Sony)
XD	Execute Disable

XD	Extreme Digital (Card)
XDCS	X/Open Distributed Computing Services
XDF	Extended Density Format (IBM)
XDLE	Transparent Data Link Escape
XDMCP	X11 Display Manager Control Protocol
XDP	XML Data Package
XDR	External/Extended Data Representation
XDS	X/Open Directory Service
XED	XML Enabled Directory
XETB	Transparent End of Transmission Block
XETX	Transparent End of Text
XEWA	XML-Enabled Wide Area Search in Bioinformatics
XFA	Extended File Attribute
XFA	XML Forms Architecture
XFCN	External Function
XFDF	XML Forms Data Format
XFDL	Extensible Forms Description Language
XFN	X/Open Federated Naming Service
XFS	Extensions for Financial Services
XFS	SGI Extended File System
XFS	X11 Extended File System
XFS	X11 Font Server
XG	Extended General MIDI
XGA	Extended Graphics Array (IBM)
XHCI	Extended Host Controller Interface
XHTML	Extensible Hypertext Markup Language
XID	Exchange Identifier/Identification
XIE	X11 Image/Imaging Extension (Standard)
XIE-DIS	XIE Document Imaging Subset
XIM	X11 Input Method
XIO	Extended Input Output
XITB	Transparent Intermediate Block
XKB	X11 Keyboard Extension
XLATE	Translate
XLFD	X11 Logical Font Description/Descriptor
XLINK	Extended Local Informatik Netz Karlsruhe
XLL	Extensible Linking Language
XLL	XLink and XPointer Languages
XLM	Excel Macro Language (Microsoft)
XMI	XTendbus Multibus Interface

XMIT	Transmit
XML	Extensible Markup Language
XMM	Extended Memory Manager
XMP	X/Open Management Protocol
XMP	Extensible Metadata Platform (Adobe)
XMPP	Extensible Messaging and Presence Protocol
XMS	Extended Memory Specification
XMSN	Transmission
XMT	Transmit
XMTR	Transmitter
XNS	Xerox Network Services/Standard/System
XOFF	Exchange/Transmitter Off
XOM	X/Open Management
XON	Exchange/Transmitter On
XOR	Exclusive Or (auch: EOR)
XORP	Extensible Open Router Platform
XOS	Experimental Operating System
XOT	X.25 Over TCP/IP
XP	Cross Point
XP	Extreme Programming
XPC	X11 Performance Characterization Group
XPEL	X11 Protocol Engine Library
XPFE	Cross Platform Front End
XPG	X/Open Portability Guide
XPLA	Extended Programmable Logic Array
XPM	X Window System Pixelmap (file)
XPS	XML Paper Specification
XPT	External Page Table
XPVM	Executable Parallel Virtual Machine
XR	Index Register
XRC	Extended Remote Copy
XREF	Cross Reference List
XSC	Extended Scientific Calculation
XSDT	Extended System Description Table
XSI	X/Open Systenm Interface Specification
XSL	Extensible Style(sheet) Language
XSLFO	Extensible Style(sheet) Language Formatting Object
XSLT	Extensible Style(sheet) Language Transformation
XSMD	Extended Storage Module Drive
XSMP	X11 Session Manager Protocol

XSS	Cross-Site Scripting
XSSI	Extended Server Side Includes
XSSO	X/Open Single Sign-On (Service)
XSTX	Transparent Start of Text
XSYN	Transparent Synchronous Idle
XT	Crosstalk
XT	Extended Technology
XTAL	Crystal
XTCLK	External Transmit Clock
XTI	X/Open Transport (Layer) Interface
XTP	XPress Transfer Protocol
XTTD	Transparent Temporary Text Delay
XUI	X11 User Interface
XUL	Extensible/XML-Based User Interface Language
XUMA	Expertensystem Umweltgefährlichkeit von Altlasten
XVE	X11 Visual Extensions
XVI	XTendbus VMEbus Interface
XVS	X/Open System V Specification
XVT	Extensible Virtual Toolkit
XWD	X11 Window Dump
XWS	X Window System, X11

Y2K	Year 2000 A.D.
YABA	Yet Another Bloody Acronym (Slang)
YAFIYGI	You Asked For It, You Got It (Slang)
YAFFS	Yet Another Flash File System
YALE	Yet Another Learning Environment
YAODL	Yet Another Object Description Language
YAPC	Yet Another Perl Conference
YAPL	Yet Another Programming Language
YAS	Yet Another Society
YCAGWYW	You cannot always get what you want (Slang)
YDL	Yellow Dog Linux
YKWIS	You Know What I'm Saying (Slang)
YMD	Year Month Day (ISO 8601)
YMMD	You Made My Day (Slang)
YMMD	Your Mileage May Differ/Diminish (Slang)
YMMV	Your Mileage May Vary (Slang)
YODL	Yet one Other Document Language

YOU	YAST Online Update (SuSE)
YOYOW	You Own Your Own Words (Slang)
YP	Yellow Pages (NIS)
YTTT	You Telling The Truth (Slang)
YUV	(Farbmodell: Luminanz Y, Chrominanzwerte U, V)

Z	Zahl, Zeichen, Zeit, Zentral-, Zentrum, Zero, Zone
ZA	Zero Adjusted/Adjuster
ZA	Zero Administration (networking)
ZA	Zone Alarm
ZAC	Zero Administration Client
ZAI	Zero Administration Initiative
ZAIK	Zentrum für Angewandte Informatik, Universität Köln
ZAK	Zero Administration Kit (Microsoft)
ZAM	Zentralinstitut für Angewandte Mathematik, Jülich
ZBR	Zone Bit Recording
ZBT	Zero Bus Turnaround
ZBTSI	Zero-Byte Time Slot Interchange
ZC	Zone Coordinator
ZCAV	Zone/Zoned Constant Angular Velocity
ZCC	Zone Coordinator Council
ZCLV	Zone/Zoned Constant Linear Velocity
ZCML	Zope Configuration Markup Language
ZCR	Zero Channel RAID
ZCT	Zero Count Table
ZDF	Zweites Deutsches Fernsehen, Mainz
ZDL	Zero Delay Lockout
ZDR	Zeilendrucker
ZDR	Zone Density Recording
ZDVA	Zentrale Datenverarbeitungsanlage
ZE	Zentraleinheit
ZEC	Zone Echomail Coordinator
ZEN	Zero Effort Network (Novell)
ZEO	Zope Enterprise Object
ZF	Zwischenfrequenz
ZFM	Zentralamt Für Mobilfunk, Münster
ZFS	Zettabyte File System
ZFS	Zone Field Selection
ZGDV	Zentrum für Graphische Datenverarbeitung

ZGS	Zeichengabesystem
ZHR	Zero Hop Routing
ZI	Zentrale Instandhaltung
ZIA	Zentrale Inteliigenz-Agentur
ZIB	Konrad-Zuse-Zentrum für Informationstechnik, Berlin
ZIF	Zero Insertion Force
ZIMS	Zope Inventory Management System
ZIP	Zone Improvement Plan
ZIP	Zone Information Protocol
ZIS	Zertifikationsinfrastruktur
ZISC	Zero Instruction Set Computer
ZKA	Zentraler Kreditausschuss
ZKD	Zentrum für Kommunikationstechnik und Datenverarbeitung, Stuttgart
ZKDSG	Zugangskontrolldiensteschutzgesetz
ZKM	Zentrum für Kunst und Medientechnologie, Karlsruhe
ZL	Zeile
ZMH	Zone Mailing Hour
ZMI	Zone Management Interface
ZNB	ZNYX NetBlaster
ZODB	Zope Object Data Base
ZOFF	Zeichenorientierte Fenster-Funktionen
ZOO	Zone Operation Organisation
ZOPE	Z Object Publishing Environment
ZPP	Zero-error Probabilistic Polynomial time
ZPT	Zope Page Template
ZPUe	Zentralstelle für Private Überspielungsrechte
ZRTP	Zimmermann's Real-time Transport Protocol
ZS	Zeitschlitz
ZSI	Zentralstelle für Sicherheit in der Informationstechnik
ZSK	Zone Signing Key
ZSL	Zero Slot LAN
ZSP	Zwischenspeicher
ZSS	Zentraler Service Switch
ZTZB	Zentrale Technik Zentraler Betriebslenkung
ZV	Zahlungsverkehr
ZV	Zeilenvorschub
ZV	Zoomed Video (Port)
ZVDFUE	Zahlungsverkehr-Datenfernübertragung
ZVE	Zählervergleichseinrichtung
ZVEH	Zentralverband der Deutschen Elektrohandwerke

ZVEI	Zentralverband der Elektrotechnik- und Elektronikindustrie
ZW	Zielwahl
ZWR	Zwischenraum (space)
ZWS	Zero Wait State
ZZF	Zentralamt für Zulassungen im Fernmeldewesen
ZZK	Zentraler Zeichenkanal (ISDN)

V Karlsruher Test

Nicht jedermann eignet sich für so schwierige Dinge wie die elektronische Datenverarbeitung. Um Ihnen die Entscheidung zu erleichtern, ob Sie in die EDV einsteigen oder sich angenehmeren Dingen widmen sollten, haben wir ganz besonders für Sie einen Test entwickelt. Woran denken Sie bei:

Bit	Was zum Trinken, aus der Eifel (1 Punkt)
	Schraubendrehereinsatz (1)
	kleinste Dateneinheit (2 Punkte)
Festplatte	Was zum Essen, vom Partyservice (1)
	Schallplatte (0)
	Massenspeicher (2)
Menü	Was zum Essen (1)
	Dialogtechnik (2)
	mittelalterlicher Tanz (0)
CPU	politische Partei (0)
	Zentralprozessor (2)
	Carnevalsverein (0)
Linker	Linkshänder (0)
	Anhänger einer Linkspartei (1)
	Programm zum Binden von Modulen (2)
IBM	Ich Bin Müde (1)
	International Business Machines (2)
	International Brotherhood of Magicians (1)
Schnittstelle	Verletzung (1)
	Verbindungsstelle zweier EDV-Geräte (2)
	Werkstatt eines Bartscherers (0)
Slot	Steckerleiste im Computer (2)

einarmiger Bandit (1)
niederdeutsch für Kamin (0)

Fortran	starker Lebertran (0)
	Formal Trash Notation (0)
	Programmiersprache (2)
Mainframe	Frachtkahn auf dem Main (0)
	Damit wollte FRIDTJOF NANSEN zum Nordpol (0)
	großer Computer (2)
PC	Plumpsklo (Gravitationstoilette) (1)
	Personal Computer (2)
	Power Computing Language (0)
Puffer	Was zum Essen, aus Kartoffeln (1)
	Was am Eisenbahnwagen (1)
	Zwischenspeicher (2)
Software	Rohstoff für Softice (0)
	Programme, Daten und so Zeugs (2)
	was zum Trinken (0)
Port	was zum Trinken (1)
	Hafen (1)
	Steckdose für Peripheriegeräte (2)
Strichcode	maschinell lesbarer Code (2)
	Geheimsprache im Rotlichtviertel (0)
	Urliste in der Statistik (0)
Chip	was zum Essen (1)
	was zum Spielen (1)
	Halbleiterbaustein (2)
Pointer	Hund (1)
	starker Whisky (0)
	Zeiger auf Daten, Adresse (2)
Page	Hotelboy (1)
	englisch, Seite in einem Buch (1)
	Untergliederung eines Speichers (2)

Character	was manchen Politikern fehlt (1)
	Schriftzeichen (2)
	Wasserfall (0)

Betriebssystem	Konzern (0)
	betriebsinternes Telefonsystem (0)
	wichtigstes Programm im Computer (2)
Traktor	Papiereinzugsvorrichtung (2)
	landwirtschaftliches Fahrzeug (1)
	Zahl beim Multiplizieren (0)
Treiber	Hilfsperson bei der Jagd (1)
	Programm zum Ansprechen der Peripherie (2)
	Vorarbeiter (0)
Animator	was zum Trinken (1)
	Unterhalter (1)
	Programm für bewegte Grafik (2)
Hackbrett	Musikinstrument (1)
	Werkzeug im Hackbau (0)
	Tastatur (2)
emulieren	nachahmen (2)
	Öl in Wasser verteilen (0)
	entpflichten (0)
Font	Menge von Schriftzeichen (2)
	Soßengrundlage (1)
	Hintergrund, Geldmenge (0)
Server	Brettsegler (0)
	Kellner (0)
	Computer für Dienstleistungen (2)
Yabbawhap	Datenkompressionsprogramm (2)
	Kriegsruf der Südstadt-Indianer (0)
	was zum Essen (0)
Terminal	Schnittstelle Mensch - Computer (2)
	Bahnhof oder Hafen (1)
	Zubehör zu Drahttauwerk (1)

Ampersand	Sand aus der Amper (1)
	et-Zeichen, Kaufmanns-Und (2)
	Untiefe im Wattenmeer (0)

Alias	altgriechisches Epos (0)
	alttestamentarischer Prophet (0)
	Zweitname (2)
Buscontroller	Busfahrer (0)
	Busschaffner (0)
	Programm zur Steuerung eines Datenbusses (2)
Algol	was zum Trinken (0)
	Doppelstern (1)
	Programmiersprache (2)
Rom	Stadt in Italien (1)
	schwedisch für Rum (1)
	Read only memory (2)
Dram	Dynamic random access memory (2)
	dänisch für Schnaps (1)
	Straßenbahn (0)
Diskette	Mädchen, das oft in Discos geht (0)
	weiblicher Diskjockey (0)
	Massenspeicher (2)
Directory	oberste Etage einer Firma (0)
	Inhaltsverzeichnis (2)
	Kunststil zur Zeit der Franz. Revolution (0)
Dekrement	was die Verdauung übrig läßt (0)
	Anordnung von oben (0)
	Wert, um den ein Zähler verringert wird (2)
Sprungbefehl	Vorkommnis während Ihres Wehrdienstes (0)
	Kommando im Pferdesport (0)
	Anweisung in einem Programm (2)
Oktalzahl	Maß für die Klopffestigkeit (0)
	Zahl zur Basis 8 (2)
	Anzahl der Oktaven einer Orgel (0)

Subroutine	Kleidungsstück eines Priesters (0) was im Unterbewußten (0) Unterprogramm (2)

Spoiler	Was zum Essen (0)
	Posting in den Netnews (2)
	Was am Auto (1)
virtuell	tugendhaft (0)
	die Augen betreffend (0)
	nicht wirklich vorhanden, scheinbar (2)
Klammeraffe	ASCII-Zeichen (2)
	Bürogerät (1)
	Affenart in Südamerika (0)
ESC	Eisenbahner-Spar- und Creditverein (0)
	Eishockeyclub (0)
	escape, Fluchtsymbol (2)
Monitor	Karlsruher Brauerei (0)
	Fernsehsendung (1)
	Bildschirmgerät, Überwachungsprogramm (2)
Unix	Tütensuppe (0)
	Freund von Asterix und Obelix (0)
	hervorragendes Betriebssystem (2)
Joystick	Computerzubehör (2)
	männlicher Körperteil (0)
	Hebel am Spielautomat (0)
Maus	kleines Säugetier (1)
	Computerzubehör (2)
	junge Dame (1)
Icon	russisches Heiligenbild (0)
	Sinnbild (2)
	Kamerafabrik (0)
Pascal	französischer Mathematiker (1)
	Maßeinheit für Druck (1)
	Programmiersprache (2)

Wysiwyg	englisch für Wolpertinger (0)
	französisch für Elmentritschen (0)
	what you see is what you get (2)

Register	was in Flensburg (1) was an der Orgel (1) Speicher (2)
Record	was im Sport (1) englisch für Blockflöte (0) Datensatz (2)
HP	High Price (0) Hewlett-Packard (2) Horse Power (1)
Kermit	Dichtungspaste (0) Frosch aus der Muppet-Show (1) Dateiübertragungs-Protokoll (2)
Ethernet	Baustoff (Asbestzement) (0) Local Area Network (2) Student der ETH Zürich (0)
Algorithmus	Übermäßiger Genuß geistiger Getränke (0) Krankheit (0) Rechenvorschrift (2)
File	Was zum Essen, vom Metzger (0) Menge von Daten (2) Durchtriebener Kerl (0)
Bug	Vorderteil eines Schiffes (1) Fehler im Programm (2) englisch für Wanze (1)
Router	jemand mit Routine (0) französischer LKW-Fahrer (0) Verbindungsglied zweier Netze (2)
Zylinder	Kopfbedeckung (1) Teil einer Kolbenmaschine (1) Unterteilung eines Plattenspeichers (2)

FTP	kleine, aber liberale Partei (0)
	File Transfer Protocol (2)
	Floating Point Processor (0)

Domäne	Geist(0)
	Bereich (2)
	Blume (0)
Bridge	Kartenspiel (1)
	internationales Computernetz (0)
	Verbindung zweier Computernetze (2)
Email	Glasur (1)
	elektronische Post (2)
	Sultanspalast (0)
Baum	was im Wald (Wurzel unten) (1)
	was auf einem Schiff (keine Wurzel) (1)
	was aus der Informatik (Wurzel oben) (2)
Internet	Schule mit Schlafgelegenheit (0)
	Zwischenraum (0)
	Weltweites Computernetz (2)
Split	UNIX-Kommando (2)
	kantige Steinchen (0)
	Stadt in Dalmatien (1)
Mini	Damenoberbekleidung (1)
	kleiner Computer (2)
	Frau von Mickey Mouse (0)
Cut	Herrenoberbekleidung (1)
	Colonia Ulpia Traiana (1)
	UNIX-Kommando (2)
2B | !2B	Parallelprozessor (0)
	Assembler-Befehl (0)
	ein Wort Hamlets (2)
Shell	Filmschauspielerin (Maria S.) (0)
	Kommando-Interpreter (2)
	Mineralöl-Gesellschaft (1)

Slip	Unterbekleidung (1)
	Schlupfschuh (0)
	Internet-Protokoll (2)

Diäresis	Durchfall (0)
	Diakritisches Zeichen (Umlaute) (2)
	Ernährungslehre (0)
Space Bar	Kneipe im Weltraum (www.spacebar.com) (0)
	Maßeinheit für den Druck im Weltraum (0)
	Größte Taste auf der Tastatur (2)
Popper	Popcorn-Röster (0)
	Mail-Programm (2)
	Philosoph aus Wien (1)
Rohling	Wüster Kerl (1)
	Noch zu beschreibende CD/DVD (2)
	Rohkost-Liebhaber (0)
Schleife	Kleidungsstück (1)
	Schlitterbahn (1)
	Kontrollanweisung eines Programmes (2)
Alex	Altlasten-Expertensystem (1)
	Automatic Login Executor (1)
	Globales Dateisystem (1)
Altair	Stern (Alpha Aquilae) (1)
	Gebirge in Zentralasien (0)
	früher Personal Computer (2)
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If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

X Zeittafel

Die meisten Errungenschaften entwickelten sich über manchmal lange Zeitspannen, so dass vor einige Jahreszahlen *um etwa* zu setzen ist. Auch sind an der Entwicklung oft mehrere Personen in unterschiedlichem Maß beteiligt, was sich in der folgenden Übersicht nicht immer berücksichtigen lässt.

-10E8	Der beliebte Tyrannosaurus hatte zwei Finger an jeder Hand und rechnete vermutlich im Dualsystem, wenn überhaupt.
-2000	Die Babylonier verwenden für besondere Aufgaben ein gemischtes Stellenwertsystem zur Basis 60. Griechen und Perser arbeiten mit Rechenbrettern.
-400	In China werden Zählstäbchen zum Rechnen verwendet.
20	In der Bergpredigt wird das Binärsystem erwähnt (Matth. 5, 37). Die Römer schieben Rechensteinchen (calculi) auf dem Abakus herum.
600	Die Inder entwickeln das heute übliche reine Stellenwertsystem, die Null ist jedoch älter. Etwa gleichzeitig entwickeln die Mayas in Mittelamerika ein Stellenwertsystem zur Basis 20.
1200	Leonardo von Pisa, genannt Fibonacci, setzt sich für die Einführung des indisch-arabischen Zahlensystems im Abendland ein.
1550	Die europäischen Rechenmeister verwenden sowohl die römische als auch die indisch-arabische Schreibweise.
1617	John Napier erfindet die Rechenknochen (Napier's Bones).
1623	Erste mechanische Rechenmaschine mit Zehnerübertragung und Multiplikation, von Wilhelm Schickard, Tübingen.
1642	Rechenmaschine von Blaise Pascal, Paris für kaufmännische Rechnungen seines Vaters.
1674	Gottfried Wilhelm Leibniz baut eine mechanische Rechenmaschine für die vier Grundrechenarten und befasst sich mit der dualen Darstellung von Zahlen. In der Folgezeit technische Verbesserungen an vielen Stellen in Europa.
1714	Henry Mill erhält ein Patent auf eine Schreibmaschine.
1778	Rechenmaschine des schwäbischen Pfarrers Philipp Matthäus Hahn.
1801	Joseph Marie Jacquard erfindet die Lochkarte aus Holz und steuert Webstühle damit.
1821	Charles Babbage stellt der Royal Astronomical Society

eine programmierbare mechanische Rechenmaschine vor, die jedoch keinen wirtschaftlichen Erfolg hat. Er denkt auch an das Spielen von Schach oder Tic-tac-toe auf Maschinen.

1840 SAMUEL FINLEY BREEZE MORSE entwickelt einen aus zwei Zeichen plus Pausen bestehenden Telegrafencode, der die Buchstaben entsprechend ihrer Häufigkeit codiert.

1847 GEORGE BOOLE entwickelt die symbolische Logik.

1852 ADA LOVELACE stirbt, eine frühe Informatikerin

1861 JOHANN PHILIPP REIS erfindet das Telephon.

1873 ELIPHALET REMINGTON and Sons, NY, stellen außer Gewehren und Nähmaschinen auch Schreibmaschinen her. 1886 trennen sie sich vom Schreibmaschinenbereich, der später den Namen Remington Rand und noch später den Namen Sperry Rand trägt.

1876 ALEXANDER GRAHAM BELL erhält ein Patent auf sein Telefon.

1877 Gründung der Bell Telephone Company, heute AT&T.

1890 HERMAN HOLLERITH erfindet die Lochkartenmaschine und setzt sie bei einer Volkszählung in den USA ein. Das ist der Anfang von IBM.

1894 OTTO LUEGERs *Lexikon der gesamten Technik* führt unter dem Stichwort *Elektrizität* als Halbleiter Äther, Alkohol, Holz und Papier auf.

1895 Erste Übertragungen mittels Radio (ALEXANDER POPOW, GUGLIELMO MARCONI).

1896 Gründung der Tabulating Machine Company, der späteren IBM.

1898 VALDEMAR POULSEN erfindet die magnetische Aufzeichnung von Tönen (*Telegraphon*).

1900 01. Januar 1900 00:00:00 GMT Nullpunkt der gegenwärtigen NTP-Ära (eine NTP-Ära umfasst 136 Jahre).

1910 Gründung der Deutschen Hollerith Maschinen GmbH, Berlin, der Vorläuferin der IBM Deutschland.

1918 Das Enigma-Verschlüsselungsverfahren entwickelt.

1924 Aus der Tabulating Machine Company von HERMAN HOLLERITH, später in Computing-Tabulating-Recording Company umbenannt, wird die International Business Machines (IBM).

1930 EDWIN LINK baut – anstatt Pianos und Orgeln wie sein Vater – einen mechanischen Flugsimulator für Übungs- und Vergnügungszwecke und erhält ein Patent darauf. Der Link-Trainer erlangt Verbreitung.

1932 Die Firma AEG baut das erste Tonbandgerät mit dem Namen *Magnetophon*. Die Bänder dazu liefert die BASF.

1936 Erste Direktübertragung im deutschen Fernsehen anlässlich der

Olympischen Spiele in Berlin.

1937 ALAN TURING veröffentlicht sein Computermodell.

1938 KONRAD ZUSE stellt den programmgesteuerten Rechner Z 1 fertig. Ein späterer Nachbau schafft 1 Rechenoperation pro Sekunde. Elektronische binäre Addiermaschine von JOHN VINCENT ATANASOFF und CLIFFORD BERRY, Iowa State University, zur Lösung linearer Gleichungssysteme.

1939 KONRAD ZUSE stellt die Z 2 fertig. Gründung der Firma Hewlett-Packard, Palo Alto, Kalifornien durch WILLIAM HEWLETT und DAVID PACKARD. Ihr erstes Produkt ist ein Oszillator für Tonfrequenzen (Messtechnik).

1941 KONRAD ZUSE stellt die Z 3 fertig.

1942 Die Purdue University beginnt mit der Halbleiterforschung und untersucht Germaniumkristalle.

1943 Der Computer *Colossus*, Bletchley Park/Buckinghamshire UK, entschlüsselt deutsche Militärnachrichten (Enigma). IBM-Chef THOMAS WATSON schätzt den weltweiten Bedarf an Computern auf 5 (fünf) Stück.

1944 Die Zuse Z 4 wird fertig (2200 Relais, mechanischer Speicher). Sie arbeitet von 1950 bis 1960 in der Schweiz. An der Harvard University bauen HOWARD AIKEN und GRACE HOPPER die Mark I in Relaistechnik. Die Maschine läuft bis 1959.

1945 KONRAD ZUSE entwickelt den Plankalkül, die erste höhere Programmiersprache. WILLIAM BRADFORD SHOCKLEY startet ein Forschungsprojekt zur Halbleiterphysik in den Bell-Labs. VANNEVAR BUSH entwickelt ein System zur Informationsspeicherung und -suche, das auf Mikrofilmen beruht.

1946 JOHN VON NEUMANN veröffentlicht sein Computerkonzept. JOHN PRESPER ECKERT und JOHN WILLIAM MAUCHLY bauen in den USA die ENIAC (Electronic Numerical Integrator and Computer). Die ENIAC rechnet dezimal, enthält 18000 Vakuumröhren, wiegt 30 t, ist 5,5 m hoch und 24 m lang, braucht für eine Addition 0,2 ms, ist an der Entwicklung der Wasserstoffbombe beteiligt und arbeitet bis 1955. Sie ist der Urahne der UNIVAC.

1948 CLAUDE ELWOOD SHANNON begründet die Informationstheorie. JOHN BARDEEN, WALTER HOUSER BRATTAIN und WILLIAM BRADFORD SHOCKLEY entwickeln in den Bell-Labs den Transistor, der 10 Jahre später die Vakuumröhre ablöst.

1949 Erster Schachcomputer: Manchester MADM. Das Wort *Bit* kreiert.

1950 An der ETH Zürich geht die Zuse Z 4 in Betrieb.

1952 IBM bringt ihre erste elektronische Datenverarbeitungsanlage, die IBM 701, heraus.

1953 IBM baut die erste Magnetbandmaschine zur Datenspeicherung (726).

1954 Remington-Rand bringt die erste UNIVAC heraus, IBM die 650.
Silizium beginnt Germanium zu verdrängen.

1955 IBM entwickelt die erste höhere Programmiersprache, die Verbreitung erlangt: FORTRAN (Formula Translator) und verwendet Transistoren in ihren Computern.

1956 Konrad Zuse baut die Z 22, die mit Röhren arbeitet.
Sie kommt 1958 auf den Markt. Bis 1961 werden 50 Stück verkauft.
Bardeen, Brattain und Shockley erhalten den Nobelpreis für Physik.
IBM stellt die erste Festplatte vor (IBM 350 Disk File für den Computer RAMAC 305), Kapazität 5 MByte, groß wie ein Schrank, Gewicht 1 to, bestehend aus 50 Scheiben zu 24 Zoll, 50.000 US-$.

1957 Die IBM 709 braucht für eine Multiplikation 0,12 ms.
Weltweit arbeiten rund 1300 Computer.
Seminar von Prof. Johannes Weissinger über *Programmgesteuerte Rechenmaschinen* im SS 1957 der TH Karlsruhe.
Karl Steinbuch (Firma SEL, später TH Karlsruhe) prägt den Begriff *Informatik*.
Erster Satellit (Sputnik, Sowjetunion) kreist um die Erde.

1958 Als eine Reaktion auf den Sputnik gründet das us-amerikanische Verteidigungsministerium (DoD) die Denkfabrik Advanced Research Projects Agency (ARPA), die später das ARPANET aufbaut.
Marvin Lee Minsky prägt den Begriff *Artificial Intelligence.*
Die TH Karlsruhe erhält ihren ersten Computer, eine ZUSE Z 22, finanziert vom Land Baden-Württemberg.
Die Maschine verwendet 400 Vakuumröhren und wiegt 1 t. Der Arbeitsspeicher fasst 16 Wörter zu 38 Bits, d. h. 76 Byte. Der Massenspeicher, eine Magnettrommel, fasst rund 40 KByte. Eine Gleitkommaoperation dauert 70 ms. Das System versteht nur Maschinensprache (Freiburger Code) und läuft bis 1972.
Im SS 1958 hält Priv.-Doz. Karl Nickel (Institut für Angew. Mathematik) eine Vorlesung *Programmieren mathematischer und technischer Probleme für die elektronische Rechenmaschine Z 22*.
Die Programmiersprache ALGOL 58 kommt heraus.
Bei Texas Instruments baut Jack St. Clair Kilby den ersten IC; im Jahr 2000 erhält er dafür den Nobelpreis für Physik.

1959 Im SS 1959 hält Priv.-Doz. Karl Nickel erstmals die Vorlesung *Programmieren I*, im WS 1959/60 die Vorlesung *Programmieren II*. Erstes Werk von Hewlett-Packard in Deutschland. Siemens baut die Siemens 2002.

1960 Programmieren steht noch in keinem Studienplan, sondern ist freiwillig. Die Karlsruher Z 22 arbeitet Tag und Nacht. Die Programmiersprache COBOL wird veröffentlicht. Ein Computerspiel namens *Spacewar* läuft auf einer Digital Equipment Corporation (DEC) PDP-1 im MIT eingsetzt. Alan Shugart entwickelt ein Verfahren zur Aufzeichnung von Daten auf einer magnetisch beschichteten Scheibe.

1961 Die TH Karlsruhe erhält im Zuge der Berufungsverhandlungen von Prof. Nickel eine Zuse Z 23, die mit 2400 Transistoren arbeitet. Ihr Hauptspeicher fasst 240 Wörter zu 40 Bits. Eine Gleitkommaoperation dauert 15 ms. Außer Maschinensprache versteht sie ALGOL. Weltweit arbeiten etwa 7300 Computer.

1962 Die TH Karlsruhe erhält einen SEL ER 56, der bis 1968 läuft. An der Purdue University wird die erste Fakultät für Informatik (Department of Computer Science) gegründet. Texas Instruments und Fairchild nehmen die Serienproduktion von ICs (Chips) auf. Joseph Carl Robnett Licklider (1912–1990) hat zwei Visionen: den interaktiv Computer und das galaktische Netz (wenn schon, denn schon). Er wird Direktor in der ARPA und geht an die Verwirklichung seiner Visionen. Ivan Sutherland entwickelt ein Grafiksystem namens *Sketchball*. Morton Heilig meldet sein *Sensorama* zum Patent an, einen multimedialen Simulator mit Bild, Ton und Geruch.

1963 Weltweit arbeiten etwa 16.500 Computer. Erster geostationärer Satellit (Syncom). Ivan E. Sutherland entwickelt in seiner Doktorarbeit am MIT das Sketchpad, einen grafischen Bildschirm mit Lichtgriffel, und wird damit zum Vater der Computergrafik. Der ASCII-Standard wird verabschiedet.

1964 John Kemeny und Thomas Kurtz veröffentlichen die Programmiersprache BASIC. Paul Baran entwickelt bei der RAND Corporation die Idee paketvermittelter Netz Douglas Carl Engelbart erfindet am Stanford Research Institute die Maus und die Fenstertechnik und hat zukunbftsweisende Visionen. IBM legt das Byte zu 8 Bits fest (IBM 360). Ein Chip enthält auf 0,5 cm^2 10 Transistoren.

1965 Beginn des Betriebssystems MULTICS bei MIT, Bell und General Electric. Aus dessen Misserfolg erwächst später UNIX.
GORDON EARLE MOORE veröffentlicht das nach ihm benannte Gesetz.
THEODOR HOLM (TED) NELSON prägt den Begriff *Hypertext*.

1966 Die TH Karlsruhe erhält eine Electrologica X 8, die bis 1973 betrieben wird. Gründung des Karlsruher Rechenzentrums.
Digital Equipment Corporation (DEC) PDP-9 auf dem Markt.
Hewlett-Packard steigt in die Computerei ein (HP 2116 A).

1967 Erster elektronischer Taschenrechner (Texas Instruments) entwickelt.
Beim Bundesministerium für wissenschaftliche Forschung wird ein Fachbeirat für Datenverarbeitung gebildet.
Die Sekunde wird von ihrer astronomischen Definition auf eine atomphysikalische umgestellt.
IVAN E. SUTHERLAND entwickelt an der Harvard University einen Helm mit binokularem Display und bringt damit die Virtual Reality ein gutes Stück voran.
NIKLAUS WIRTH beginnt an der ETH Zürich mit der Arbeit an PASCAL.
IBM stellt die ersten Disketten her, Durchmesser 8 Zoll, Kapazität ??.

1968 Am 26. Februar entscheiden sich maßgebende Vertreter der Computerwissenschaft im deutschsprachigen Raum im Anschluss an ein internationales Kolloquium in Dresden für die Bezeichnung *Informatik* nach französischem Beispiel.
Die Programmiersprache PASCAL kommt heraus. GORDON EARLE MOORE un
ROBERT NORTON NOYCE gründen die Firma Integrated Electronics (Intel).
gegründet. Hewlett-Packard baut den ersten wissenschaftlichen programmierbaren Tischrechner (HP 9100 A).

1969 In Karlsruhe wird am 1. Januar das Institut für Informatik gegründet, Direktor KARL NICKEL. Im WS 1969/70 beginnt in Karlsruhe die Informatik als Vollstudium mit 91 Erstsemestern.
Gründung der Gesellschaft für Informatik (GI) in Bonn.
In den Bell Labs UNIX in Assembler auf einer DEC PDP 7 (K. L. THOMPSON).
Beginn des ARPANET-Projektes, erste Teilnehmer U. of California at Los Angeles, Stanford Research Institute, U. of California at Santa Barbara und U. of Utah. Maßgeblich beteiligt sind STEVE CROCKER,
DAVID H. CROCKER, JON POSTEL, VINTON CERF, ROBERT KAHN und ROBER
RFC 0001: Host Software, von STEVE CROCKER, Mitarbeiter der UCLA.

1970 Die Universität Karlsruhe erhält eine UNIVAC 1108, die bis 1987 läuft und damit den hiesigen Rekord an Betriebsjahren hält. Preis 23 MDM, 3 Zentraleinheiten, 256 Kilo-Wörter zu

je 36 Bits Arbeitsspeicher, 20 Bildschirme.
Die Karlsruher Fakultät für Informatik wird gegründet.
Am 01. Januar 1970 00:00:00 GMT beginnt die UNIX-Uhr zu laufen.

1971 UNIX auf C umgeschrieben, erster Mikroprozessor (Intel 4004).
Alan Shugart entwickelt bei IBM die Floppy Disk.
Die Internet-Protokolle FTP (RFC 114) und Telnet (RFC 137) werden vorgeschlagen und diskutiert.
Project Gutenberg von Michael Stern Hart an der U. of Illinois gestartet.

1972 IBM entwickelt das Konzept des virtuellen Speichers und stellt die 8-Zoll-Floppy-Disk vor. Xerox (Robert Metcalfe), DEC und Intel entwickeln den Ethernet-Standard.
Das ARPANET wird der Öffentlichkeit vorgestellt.
Ein Student namens Stephan G. Wozniak lötet sich einen Computer zusammen, der den Smoke-Test nicht übersteht.
In der Bundesrepublik arbeiten rund 8.200 Computer.
Erster wissenschaftlicher Taschenrechner (Hewlett-Packard 35).

1973 Erste internationale Teilnehmer am ARPANET: NORSAR (Norwegian Seismic Array), Norwegen und U. College of London.
Robert Melancton Metcalfe veröffentlicht Gedanken, die 1975 beim Xerox PARC zur Entwicklung von Ethernet führen.

1974 Der erste programmierbare Taschenrechner kommt auf den Markt (Hewlett-Packard 65), Preis 2500 DM.

1975 UNIX wird veröffentlicht (Version 6), Beginn der BSD-Entwicklung.
Die Zeitschrift *Byte* wird gegründet.
Erste, mäßig erfolgreiche Personal Computer (Xerox, Altair).
Die Firma Microsoft Corporation von William Henry Gates III. und Paul Allen gegründet.
Das Xerox PARC meldet Ethernet zum Patent an.
Die Computer-Tomografie dringt in die Medizin und andere Gebiete ein.

1976 Steven P. Jobs und Stephan G. Wozniak gründen die Firma Apple und bauen den Apple I. Er kostet 666,66 Dollar.
Alan Shugart stellt die 5,25-Zoll-Diskette vor.
Die nichtprozedurale Datenbanksprache SQL – entwickelt von Edgar F. Codd bei IBM – wird veröffentlicht.
Whitfield Diffie und Martin E. Hellmann veröffentlichen die erste Arbeit über unsymmetrische Verschlüsselung.

1977 Robert E. Kahn und Vinton Gray Cerf veröffentlichen das Konzept von TCP/IP, anfangs Kahn-Cerf-Protokolle (1974) genannt.

1978 In der Bundesrepublik arbeiten rund 170.000 Computer.
Der Commodore PET 2001 – ein Vorläufer des C64 – kommt heraus,

4 bis 32 kbyte Arbeitsspeicher, Bildschirm 25 Zeilen zu 40 Zeichen.
Erste Tabellenkalkulation *Visicalc*, für den Apple II,
von Dan Bricklin und Bob Frankston, Harvard University.
Erste Fassung von TEX (Donald Ervin Knuth) veröffentlicht.
Das Network Time Protocol (NTP) wird in Gebrauch genommen.

1979 Faxdienst in Deutschland eingeführt.
Beginn des Usenet in der Duke University und der University of North Carolina auf der Basis von uucp-Verbindungen (Steve M. Bellovin).
Die Zusammenarbeit von Apple mit Rank Xerox führt zur Apple Lisa, ein Mißerfolg, aber der Wegbereiter für den Macintosh.
Plattenherstellerfirma *Seagate* gegründet.
Gründung der Satelliten-Kommunikations-Firma Inmarsat.
Bjarne Stroustrup beginnt mit der Entwicklung von C++.
Programmiersprache Ada veröffentlicht.
Betriebssystem DOS für Intel 8086/8088 von Fa. Seattle Computer Products entwickelt, später von Microsoft erworben.

1980 Erster Jugendprogrammier-Wettbewerb der GI.
Erster Home-Computer: Sinclair ZX-80, für rund 500 DM.
Sony führt die 3,5-Zoll-Diskette ein. In den Folgejahren entwickeln andere Firmen auch Disketten mit Durchmessern von 3 bis 4 Zoll.
Microsoft bringt Xenix, ein UNIX für PCs, heraus.

1981 Die Universität Karlsruhe erhält eine Siemens 7881 als zentralen Rechner.
IBM bringt in den USA den IBM-PC heraus mit PC-DOS 1.0 (MS DOS) als wichtigstem Betriebssystem.
In Berlin wird der *Chaos Computer Club* gegründet.
Xanadu-Projekt von Ted Nelson, ein Vorläufer des Web.

1982 Die Firma Sun Microsystems wird gegründet, entscheidet sich für UNIX und baut die ersten Workstations.
Jim Clark gründet Silicon Graphics, Inc. (SGI)
Scott E. Fahlman, damals Student an der CMU, veröffentlicht den ersten Grinsling (Smiley, Emoticon) :-).
Beginn des EuNETs, einer der ersten deutschen Internet-Provider, an der Universität Dortmund.
William Gibson prägt das Wort *Cyberspace*.
Morton Heilig präsentiert einen Spielautomaten für Motorrad- und Auto-Simulationen mit Stereotonfilm, Gebläse, Gerüchen und vibrierenden Sitzen, echt multimedial, aber erfolglos, da zu teuer.

1983 Die Universität Karlsruhe erhält einen Vektorrechner Cyber 205 und eine Siemens 7865. Die Cyber leistet 400 Mio. Flops.

Beginn des *Lokalen Informatiknetzes Karlsruhe* (LINK), ab 1984 Xlink, in der Fakultät für Informatik der Universität Karlsruhe.
IBM bringt den PC auf den deutschen Markt.
UNIX kommt als System V von AT&T in den Handel, die erste Ausgabe der Zeitschrift *Computertechnik* (c't) erscheint (Nr. 12/83 vom Oktober 1983).
Gründung der X/Open-Gruppe.
MS-DOS 2.0 (PC-DOS 2.0) und Novell Netware kommen heraus.
Microsoft Windows wird angekündigt.
Das ARPAnet wechselt von NCP auf TCP/IP.
Paul V. Mockapetris veröffentlicht in RFC 882 und 883 das Konzept des DNS.

1984 Der erste Apple Macintosh (128K) und der Hewlett-Packard Thinkjet, der erste Tintenstrahldrucker, kommen auf den Markt.
GNU-Projekt von Richard Matthew Stallman gegründet.
Der IBM PC/AT mit Prozessor Intel 80 286 und MS-DOS 3.0 kommen heraus.
Siemens steigt in UNIX (Sinix) ein.
Die Universität Karlsruhe wird Email-Relay für Deutschland zum Computer Science Net (CSNet) in den USA. Als erste Mail erhält Prof. Zorn, U. Karlsruhe, einen Gruß vom CSNet.
Entwicklung des X Window Systems am MIT.

1985 MS-Windows 1.0, IBM 3090 und IBM Token Ring Netz.
XLink an der Universität Karlsruhe stellt als erstes deutsches Netz eine Verbindung zum nordamerikanischen ARPANET her.
Hewlett-Packard bringt den ersten Laserjet-Drucker heraus.

1986 Weltweit etwa eine halbe Million UNIX-Systeme und 3000 öffentliche Datenbanken.
In den USA nimmt das zivile NFSNET die Arbeit auf.
Mit dem Computer-Investitionsprogramm des Bundes und der Länder (CIP) kommen mehrere HP 9000/550 unter UNIX an die Universität Karlsruhe.

1987 Microsoft XENIX (ein UNIX) für den IBM PC/AT
IBM bringt die PS/2-Reihe unter MS-OS/2 heraus.
Weltweit mehr als 5 Millionen Apple Computer und etwa 100 Millionen PCs nach Vorbild von IBM.
Das MIT veröffentlicht das X Window System Version 11 (X11).
In Berkeley wird die RAID-Technologie entwickelt.
Beginn des baden-württembergischen Landeshochschulnetzes BelWue.

1988 Jarkko Oikarinen, Finnland, entwickelt den IRC.
Das Karlsruher Campusnetz KARLA wird durch das Glasfasernetz

KLICK ersetzt. VBN-Strecke Karlsruhe - Stuttgart im BelWue-Netz.

Frankreich geht ans Internet (INRIA, Rocquencourt bei Paris).

Gründung der Open Software Foundation (OSF) und der UNIX International Inc. MS-DOS 4.0 für PCs.

Ein Internet-Wurm namens Morris geht auf die Reise, daraufhin Gründung des Computer Emergency Response Teams (CERT).

Erster Hoax (2400-baud-Modem-Hoax) im Internet, siehe CIAC.

Erstes landmobiles Satellitensystem für Datenfunk (Inmarsat-C).

1989 Das NFSNET löst das ARPANET als Backbone des Internet ab.

UNIX System V Release 4 vereinheitlicht System V, BSD und Xenix.

Im Rechenzentrum Karlsruhe löst die IBM 3090 die Siemens 7881 ab. ISDN in Deutschland eingeführt.

Erster deutscher Internet-Direktanschluss via Xlink, Karlsruhe.

1990 Zunehmende Vernetzung, Anschluss an weltweite Netze.

Die Internet Society (ISOC) schätzt das Internet auf 500.000 Knoten.

Das ARPAnet stellt seinen Betrieb ein.

Computer-Kommunikation mittels E-Mail, Btx und Fax vom Arbeitsplatz aus. Optische Speichermedien (CD-ROM, WORM).

Das Web (URL, HTTP, HTML) von Timothy Berners-Lee und Robert Cailliau am CERN in Genf entwickelt.

UNIX System V Version 4.

Die Hardware eines selbstmontierten PCs mit 386/20 kostet 10.000 DM.

Die mittlere Computerdichte in technisch orientierten Instituten und Familien erreicht 1 pro Mitglied.

1991 Das UNIX-System OSF/1 mit dem Mach-Kernel der Carnegie-Mellon-Universität kommt heraus.

17. Sep.: Anfang von LINUX (Linus Benedict Torvalds).

Erster Web-Server in den USA: Stanford Linear Accelerator Center.

MS-DOS 5.0 für PCs. Anfänge von Microsoft Windows NT.

Das DE-NIC an der Universität Dortmund gegründet.

IBM, Apple und Motorola kooperieren mit dem Ziel, einen Power PC zu entwickeln.

1992 Am Neujahrstag stirbt Grace Murray Hopper, Konteradmiral der US Navy, wesentlich an der Entwicklung von COBOL beteiligt und Entdeckerin des ersten Bugs, einer Motte im Mark II der Harvard University.

Die Universität Karlsruhe nimmt den massiv parallelen Computer MasPar 1216A mit 16000 Prozessoren in Betrieb.

Novell übernimmt von AT&T die UNIX-Aktivitäten (USL).

FORTRAN 90 verabschiedet.

Eine Million Knoten im Internet. Weltweit etwa 50 Web-Server.

Erster deutscher Web-Server, am DESY in Hamburg.

1993 MS-DOS Version 6.0. Microsoft kündigt Windows-NT an.

DEC stellt PC mit Alpha-Prozessor vor, 150 MHz, 14.000 DM.

Novell tritt das Warenzeichen UNIX an die X/Open-Gruppe ab.

Marc Andreessen, NCSA, schreibt einen Web-Browser für das X Window System mit der Möglichkeit, farbige Grafiken darzustellen.

Patrick Volkerding stellt die Linux-Distribution Slackware zusammen, die erste Distribution von einiger Verbreitung.

Ian Murdock, Student an der Purdue University, stellt am 16. August das Debian-Projekt vor. Gegen Jahresende Debian GNU/Linux Version 0.90.

Das Xlink-Projekt wird aus der Universität Karlsruhe ausgegliedert.

Das CERN gibt die WWW-Technologie allgemein frei.

Weltweit etwa 250 Web-Server.

Das DE-NIC zieht ans Rechenzentrum der Universität Karlsruhe.

1994 Linux 1.0 veröffentlicht.

Matthias Ettrich startet das KDE-Projekt.

Das Internet umfasst etwa 4 Mio. Knoten und 20 Mio. Benutzer.

Erste Spam-Mail (Canter + Siegel). Erste Banner-Werbung (Wired).

Marc Andreessen und Jim Clark gründen die Firma Netscape.

1995 Kommerzielle Netze lösen in den USA das NFSNET als Backbone ab.

Die X/Open-Gruppe führt die Bezeichnung *UNIX 95* für Systeme ein, die der *Single UNIX Specification* genügen.

Die Universität Karlsruhe ermöglicht in Zusammenarbeit mit dem Oberschulamt nordbadischen Schulen den Zugang zum Internet. Ähnliche Projekte werden auch an einigen anderen Hoch- und Fachhochschulen durchgeführt.

Die Programmiersprache JAVA wird von Sun veröffentlicht.

Online-Auktionshaus *Ebay* als Sammlerbörse in den USA gegründet.

Der Webserver Apache Release 1.0 veröffentlicht.

Weltweit etwa 50000 Web-Server.

1996 Die Massen und Medien entdecken das Internet.

Debian GNU/Linux Version 1.1 (*buzz*) wird veröffentlicht, zum Jahresende folgt Version 1.2 (rex).

FORTRAN 95, eine revidierte Fassung von FORTRAN 90, fertig.

Intel bringt den Universal Serial Bus (USB) auf den Markt.

Die Open Software Foundation (OSF) und X/Open schließen sich zur Open Group zusammen.

1997 Fast Ethernet ist erschwinglich geworden, über das Gigabit-Ethernet wird geredet. In Deutschland gibt es rund 20 Mio. PCs und 1 Mio. Internetanschlüsse (Quelle: Fachverband Informationstechnik).

Debian GNU/Linux Version 1.3 (*bo*) freigegeben, rund 1000 Pakete.
Single UNIX Specification Version 2 im Web veröffentlicht.
HTML 4.0 vom W3C freigegeben.
Die Xlink Internet Service Gmbh wird eine hundertprozentige Tochter des niederländisch-amerikanischen Telekommunikationskonzerns KPNQwest, der 2002 insolvent und aufgelöst wird.
Der Buchversender Amazon meldet ein Patent an dergestalt, dass man mit einem Mausklick im Internet eine Ware bestellt.

1998 Compaq übernimmt die Digital Equipment Corporation (DEC).
IBM bringt DOS 2000 heraus, Microsoft kündigt Windows 2000 an.
Die Suchmaschine Google Inc. gegründet.
Debian GNU/Linux Version 2.0 (*hamm*) freigegeben, 1500 Pakete.
KDE 1.0 veröffentlicht. 9-GB-Festplatten kosten 500 DM.
Gigabit-Ethernet-Standard IEEE 802.3z verabschiedet.
Gründung der *Bluetooth Special Interest Group* durch Ericsson, Intel, IBM, Nokia und Toshiba.
Jonathan B. Postel, einer der Apostel des Internet und Autor vieler RFCs, gestorben. Siehe RFC 2441: *Working with Jon* und RFC 2468: *I Remember IANA*.

1999 Das Y2K-Problem – die Jahrtausendwende – beschäftigt die Gemüter, weil die Programmierer früherer Jahrzehnte mit den Bits knauserten.
Der RFC 2550 löst auch gleich das Y10K-Problem.
Debian GNU/Linux Version 2.1 (*slink*) kommt heraus.
Betreiber großer Suchmaschinen schätzen die Anzahl der Web-Seiten weltweit auf 1 Milliarde.
Linus B. Torvalds wird Ehrendoktor der Universität Stockholm.

2000 Das Y2K-Problem hat sich praktisch nicht ausgewirkt.
Den 29. Februar 2000 haben wir auch gut überstanden, einen Schalttag nach einer Regel, die nur alle 400 Jahre angewendet wird.
Debian GNU/Linux Version 2.2 (*potato*) kommt heraus, 6500 Pakete.
Microsoft Windows 2000 ist erhältlich. Ein Macro-Virus namens *Love Letter* sorgt für Aufregung – außerhalb der Linux/UNIX-Welt.
Der Intel Pentium kommt bei einer Taktfrequenz von 1,5 GHz an.
Zum Jahresende 2 Mio. Internet-Hosts in Deutschland (Quelle: RIPE).

2001 Claude Elwood Shannon gestorben, gilt als Erfinder des Bits und Begründer der Informationstheorie.
Jimmy Donal Wales und Lawrence Mark Sanger starten in den USA die Wikipedia, eine internationale Online-Enzyklopädie auf der Grundlage eines Wikis.
Die SCO (Santa Cruz Operation) verkauft ihre UNIX-Rechte an Caldera Systen

die sich daraufhin *The SCO Group* nennt und durch einige Prozesse bekannt wird.

2002 Die Einführung der Euro-Währung führt zu einem neuen Zeichen
in internationalen Zeichensätzen.
Im Herbst befällt der Wurm *Slapper* zahlreiche Webserver unter Linux.
Debian GNU/Linux Version 3.0 (*woody*) wird als stabil freigegeben.
Die Distribution umfasst 8700 Pakete.

2004 PCs werden zunehmend ohne Floppy-Laufwerk ausgeliefert.
Ubuntu Linux, ein Debian-Derivat, erscheint erstmals.
Politische Überlegungen, die Patentierung von Software zuzulassen,
bedrohen die Open Source Welt.

2005 Anfang Juni wird Debian GNU/Linux Version 3.1 (*sarge*) nach reiflicher
Überlegung als stabil freigegeben und löst 3.0r6 (*woody*) ab;
die Distribution umfasst rund 15.000 Pakete. *Woody* wird damit
zur Old-stable-Version, *etch* rückt zur Testing-Version auf.
In Frankfurt (M) findet die Wikimania 2005 statt, die erste internationale
Wikimedia-Konferenz.
Die deutsche Wikipedia nähert sich der Marke von 300.000 Einträgen.
Internet-Telefonie (Voice over IP) ist stark im Kommen.
Prof. Karl Steinbuch gestorben.
Ende des Jahres kommt X11R7 heraus.
Der weltweit leistungsfähigste Rechner – ein IBM Blue Gene – läuft
unter einem Linux (Quelle: `http://www.top500.org/`).

2006 Die englische Wikipedia überschreitet die Marke von 1,5 Mio. Einträgen,
die deutsche 500.000, die französische 400.000, die japanische und
die polnische 300.000, die schwedische, italienische, niederländische
und portugiesische 200.000.
Laut `http://www.netcraft.com/` sind die am häufigsten
besuchten Websites Google, Yahoo, Microsoft, BBC, CNN, Ebay,
Fox News, Amazon und Wikipedia.
Das Deutsche Forschungsnetz nimmt das X-Win in Betrieb, eine
Netzinfrastruktur mit Anschlüssen bis zu 10 Gigabit/s und
43 Kernstandorten.
Mitte des Jahres gibt es 10 Mio. Einträge unter der Top Level Domain
.de, sie ist damit weltweit nach .com die zweitumfangreichste.

2007 Debian stellt den Sicherheitssupport für *woody* ein und
erklärt zu Ostern die Version 4.0 (*etch*) mit Kern 2.6.18
als stabil.
Apple Inc. erwirbt CUPS von Easy Software Products.
Im Sommer überschreitet die deutschsprachige Wikipedia die Marke von
600.000 Einträgen, der RFC 5001 wird veröffentlicht.

Die FSF veröffentlicht die Version 3 der GNU GPL und der GNU LGPL.

The SCO Group (siehe 2001) beantragt Insolvenz nach Chapter 11.

Nach der Statistik von www.top500.org vom November setzen 426 der 500 schnellsten Rechner weltweit ein Linux-Betriebssystem ein. Bei den Herstellern führt IBM vor Hewlett-Packard und Dell, bei den Ländern die USA vor dem UK und Deutschland.

2008 Im Januar überschreitet die deutschsprachige Wikipedia die Marke von 700.000 Einträgen und ist nach der englischen die zweitgrößte.

AOL stellt Entwicklung und Vertrieb des Web-Browsers Netscape ein.

Im Februar weiht das Forschungszentrum Jülich einen Supercomputer vom Ty IBM Blue Gene ein, der der schnellste zivil genutzte Rechner der Welt ist.

Die Kiste ist nicht nur schnell, sondern geht auch sparsam mit der Energie um.