

# Index

1

2	<code>±0</code> .....	871, 876	<code>_PC_VDISABLE</code> .....	892
3	<code>_CS_PATH</code> .....	714	<code>_POSIX2 constants</code>	
4	<code>_CS_XBS5_ILP32_OFF32_CFLAGS</code> .....	714	in <code>sysconf</code> .....	1980
5	<code>_CS_XBS5_ILP32_OFF32_LDFLAGS</code> .....	714	<code>_POSIX2_CHAR_TERM</code> .....	1982
6	<code>_CS_XBS5_ILP32_OFF32_LIBS</code> .....	714	<code>_POSIX2_C_BIND</code> .....	1982
7	<code>_CS_XBS5_ILP32_OFF32_LINTFLAGS</code> .....	714	<code>_POSIX2_C_DEV</code> .....	1982
8	<code>_CS_XBS5_ILP32_OFFBIG_CFLAGS</code> .....	714	<code>_POSIX2_C_VERSION</code> .....	1982
9	<code>_CS_XBS5_ILP32_OFFBIG_LDFLAGS</code> .....	714	<code>_POSIX2_FORT_DEV</code> .....	1982
10	<code>_CS_XBS5_ILP32_OFFBIG_LIBS</code> .....	714	<code>_POSIX2_FORT_RUN</code> .....	1982
11	<code>_CS_XBS5_ILP32_OFFBIG_LINTFLAGS</code> .....	714	<code>_POSIX2_LOCALEDEF</code> .....	1982
12	<code>_CS_XBS5_LP64_OFF64_CFLAGS</code> .....	714	<code>_POSIX2_PBS</code> .....	1982
13	<code>_CS_XBS5_LP64_OFF64_LDFLAGS</code> .....	714	<code>_POSIX2_PBS_ACCOUNTING</code> .....	1982
14	<code>_CS_XBS5_LP64_OFF64_LIBS</code> .....	714	<code>_POSIX2_PBS_LOCATE</code> .....	1982
15	<code>_CS_XBS5_LP64_OFF64_LINTFLAGS</code> .....	714	<code>_POSIX2_PBS_MESSAGE</code> .....	1982
16	<code>_CS_XBS5_LPBIG_OFFBIG_CFLAGS</code> .....	714	<code>_POSIX2_PBS_TRACK</code> .....	1982
17	<code>_CS_XBS5_LPBIG_OFFBIG_LDFLAGS</code> .....	714	<code>_POSIX2_SW_DEV</code> .....	1982
18	<code>_CS_XBS5_LPBIG_OFFBIG_LIBS</code> .....	714	<code>_POSIX2_UPE</code> .....	1982
19	<code>_CS_XBS5_LPBIG_OFFBIG_LINTFLAGS</code> .....	714	<code>_POSIX2_VERSION</code> .....	1982
20	<code>_exit</code> .....	801, 2100	<code>_POSIX_ADVISORY_INFO</code> .....	1980
21	<code>_Exit()</code> .....	<b>587</b>	<code>_POSIX_ASYNCHRONOUS_IO</code> .....	1980
22	<code>_IOFBF</code> .....	1790, 1834	<code>_POSIX_ASYNC_IO</code> .....	892
23	<code>_IOLBF</code> .....	870, 1834	<code>_POSIX_BARRIERS</code> .....	1980
24	<code>_IONBF</code> .....	1790, 1834	<code>_POSIX_BASE</code> .....	1981
25	<code>_longjmp()</code> .....	<b>588</b>	<code>_POSIX_CHOWN_RESTRICTED</code> .....	688, 892, 894
26	<code>_LVL</code> .....	515	<code>_POSIX_CLOCK_SELECTION</code> .....	1981
27	<code>_MAX</code> .....	514	<code>_POSIX_CPUTIME</code> .....	1981
28	<code>_PC constants</code>		<code>_POSIX_C_LANG_SUPPORT</code> .....	1981
29	used in <code>pathconf</code> .....	892	<code>_POSIX_C_LANG_SUPPORT_R</code> .....	1981
30	<code>_PC_ALLOC_SIZE_MIN</code> .....	892	<code>_POSIX_C_SOURCE</code> .....	512-513
31	<code>_PC_ASYNC_IO</code> .....	892	<code>_POSIX_DEVICE_IO</code> .....	1981
32	<code>_PC_CHOWN_RESTRICTED</code> .....	892	<code>_POSIX_DEVICE_SPECIFIC</code> .....	1981
33	<code>_PC_FILESIZEBITS</code> .....	892	<code>_POSIX_DEVICE_SPECIFIC_R</code> .....	1981
34	<code>_PC_LINK_MAX</code> .....	892	<code>_POSIX_FD_MGMT</code> .....	1981
35	<code>_PC_MAX_CANON</code> .....	892	<code>_POSIX_FIFO</code> .....	1981
36	<code>_PC_MAX_INPUT</code> .....	892	<code>_POSIX_FILE_ATTRIBUTES</code> .....	1981
37	<code>_PC_NAME_MAX</code> .....	892	<code>_POSIX_FILE_LOCKING</code> .....	1981
38	<code>_PC_NO_TRUNC</code> .....	892	<code>_POSIX_FILE_SYSTEM</code> .....	1981
39	<code>_PC_PATH_MAX</code> .....	892	<code>_POSIX_FSYNC</code> .....	1981
40	<code>_PC_PIPE_BUF</code> .....	892	<code>_POSIX_JOB_CONTROL</code> .....	1981
41	<code>_PC_PRIO_IO</code> .....	892	<code>_POSIX_MAPPED_FILES</code> .....	1981
42	<code>_PC_REC_INCR_XFER_SIZE</code> .....	892	<code>_POSIX_MEMLOCK</code> .....	1981
43	<code>_PC_REC_MAX_XFER_SIZE</code> .....	892	<code>_POSIX_MEMLOCK_RANGE</code> .....	1981
44	<code>_PC_REC_MIN_XFER_SIZE</code> .....	892	<code>_POSIX_MEMORY_PROTECTION</code> .....	1981
45	<code>_PC_REC_XFER_ALIGN</code> .....	892	<code>_POSIX_MESSAGE_PASSING</code> .....	1981
46	<code>_PC_SYMLINK_MAX</code> .....	892	<code>_POSIX_MONOTONIC_CLOCK</code> .....	1981
47	<code>_PC_SYNC_IO</code> .....	892	<code>_POSIX_MULTIPLE_PROCESS</code> .....	1981

48	_POSIX_NETWORKING.....	1981	_SC_2_C_DEV.....	1982
49	_POSIX_NO_TRUNC.....	892	_SC_2_C_VERSION.....	1982
50	_POSIX_OPEN_MAX.....	1062	_SC_2_FORT_DEV.....	1982
51	_POSIX_PIPE.....	1981	_SC_2_FORT_RUN.....	1982
52	_POSIX_PRIORITIZED_IO.....	544, 1981	_SC_2_LOCALEDEF.....	1982
53	_POSIX_PRIORITY_SCHEDULING.....	544, 1981	_SC_2_PBS_ACCOUNTING.....	1982
54	_POSIX_PRIO_IO.....	892	_SC_2_PBS_LOCATE.....	1982
55	_POSIX_READER_WRITER_LOCKS.....	1981	_SC_2_PBS_MESSAGE.....	1982
56	_POSIX_REALTIME_SIGNALS.....	1981	_SC_2_PBS_TRACK.....	1982
57	_POSIX_REGEX.....	1981	_SC_2_SW_DEV.....	1982
58	_POSIX_SAVED_IDS.....	1981	_SC_2_UPE.....	1982
59	_POSIX_SEMAPHORES.....	1981	_SC_2_VERSION.....	1378, 1982
60	_POSIX_SHARED_MEMORY_OBJECTS.....	1981	_SC_ADVISORY_INFO.....	1980
61	_POSIX_SHELL.....	1981	_SC_AIO_LISTIO_MAX.....	1980
62	_POSIX_SIGNALS.....	1981	_SC_AIO_MAX.....	1980
63	_POSIX_SINGLE_PROCESS.....	1981	_SC_AIO_PRIO_DELTA_MAX.....	1980
64	_POSIX_SOURCE.....	513	_SC_ARG_MAX.....	1980
65	_POSIX_SPAWN.....	1981	_SC_ASYNCIO.....	1980
66	_POSIX_SPIN_LOCKS.....	1981	_SC_ATEXIT_MAX.....	1980
67	_POSIX_SPARADIC_SERVER.....	1981	_SC_BARRIERS.....	1980
68	_POSIX_SYNCHRONIZED_IO.....	1981	_SC_BASE.....	1981
69	_POSIX_SYNC_IO.....	892	_SC_BC_BASE_MAX.....	1980
70	_POSIX_SYSTEM_DATABASE.....	1981	_SC_BC_DIM_MAX.....	1980
71	_POSIX_SYSTEM_DATABASE_R.....	1981	_SC_BC_SCALE_MAX.....	1980
72	_POSIX_THREADS.....	738, 1982, 2041	_SC_BC_STRING_MAX.....	1980
73	_POSIX_THREAD_ATTR_STACKADDR.....	1982	_SC_CHILD_MAX.....	1980
74	_POSIX_THREAD_ATTR_STACKSIZE.....	1982	_SC_CLK_TCK.....	1980, 2036
75	_POSIX_THREAD_CPUTIME.....	1982	_SC_CLOCK_SELECTION.....	1981
76	_POSIX_THREAD_PRIORITY_SCHEDULING.....	1982	_SC_COLL_WEIGHTS_MAX.....	1980
77	.....	1982	_SC_CPUTIME.....	1981
78	_POSIX_THREAD_PRIO_INHERIT.....	1982	_SC_C_LANG_SUPPORT.....	1981
79	_POSIX_THREAD_PRIO_PROTECT.....	1982	_SC_C_LANG_SUPPORT_R.....	1981
80	_POSIX_THREAD_PROCESS_SHARED.....	1599	_SC_DELAYTIMER_MAX.....	1980
81	.....	1982	_SC_DEVICE_IO.....	1981
82	_POSIX_THREAD_SAFE_FUNCTIONS.....	738	_SC_DEVICE_SPECIFIC.....	1981
83	.....	1982, 2041	_SC_DEVICE_SPECIFIC_R.....	1981
84	_POSIX_THREAD_SPARADIC_SERVER.....	1982	_SC_EXPR_NEST_MAX.....	1980
85	_POSIX_THREAD_THREADS_MAX.....	1573	_SC_FD_MGMT.....	1981
86	_POSIX_TIMEOUTS.....	1982	_SC_FIFO.....	1981
87	_POSIX_TIMERS.....	1982	_SC_FILE_ATTRIBUTES.....	1981
88	_POSIX_TYPED_MEMORY_OBJECTS.....	1982	_SC_FILE_LOCKING.....	1981
89	_POSIX_USER_GROUPS.....	1982	_SC_FILE_SYSTEM.....	1981
90	_POSIX_USER_GROUPS_R.....	1982	_SC_FSYNC.....	1981
91	_POSIX_VDISABLE.....	892	_SC_GETGR_R_SIZE_MAX.....	1005, 1008, 1980
92	_POSIX_VERSION.....	1982, 2065	_SC_GETPW_R_SIZE_MAX.....	1055, 1058, 1980
93	_PROCESS.....	515	_SC_IOV_MAX.....	1980
94	_REGEX_VERSION.....	1982	_SC_JOB_CONTROL.....	1981
95	_SC constants		_SC_LINE_MAX.....	1980
96	in sysconf.....	1980	_SC_LOGIN_NAME_MAX.....	1980
97	_SC_2_CHAR_TERM.....	1982	_SC_MEMLOCK.....	1981
98	_SC_2_C_BIND.....	1982	_SC_MEMLOCK_RANGE.....	1981

## Index

99	_SC_MEMORY_PROTECTION.....	1981	_SC_THREAD_THREADS_MAX.....	1983
100	_SC_MESSAGE_PASSING.....	1981	_SC_TIMEOUTS.....	1982
101	_SC_MONOTONIC_CLOCK.....	1981	_SC_TIMERS.....	1982
102	_SC_MQ_OPEN_MAX.....	1980	_SC_TIMER_MAX.....	1983
103	_SC_MQ_PRIO_MAX.....	1980	_SC_TTY_NAME_MAX.....	1983
104	_SC_MULTIPLE_PROCESS.....	1981	_SC_TYPED_MEMORY_OBJECTS.....	1982
105	_SC_NETWORKING.....	1981	_SC_TZNAME_MAX.....	1983
106	_SC_NGROUPS_MAX.....	1980	_SC_USER_GROUPS.....	1982
107	_SC_OPEN_MAX.....	1980	_SC_USER_GROUPS_R.....	1982
108	_SC_PAGESIZE.....	1289, 1384, 1982	_SC_VERSION.....	1982
109	_SC_PAGE_SIZE.....	1289, 1982	_SC_XBS5_ILP32_OFF32.....	1983
110	_SC_PIPE.....	1981	_SC_XBS5_ILP32_OFFBIG.....	1983
111	_SC_PRIORITIZED_IO.....	1981	_SC_XBS5_LP64_OFF64.....	1983
112	_SC_PRIORITY_SCHEDULING.....	1981	_SC_XBS5_LPBIG_OFFBIG.....	1983
113	_SC_READER_WRITER_LOCKS.....	1981	_SC_XOPEN_CRYPT.....	1983
114	_SC_REALTIME_SIGNALS.....	1981	_SC_XOPEN_ENH_I18N.....	1983
115	_SC_REGEX.....	1981	_SC_XOPEN_LEGACY.....	1983
116	_SC_REGEX_VERSION.....	1982	_SC_XOPEN_REALTIME.....	1983
117	_SC_RE_DUP_MAX.....	1983	_SC_XOPEN_REALTIME_THREADS.....	1983
118	_SC_RTSIG_MAX.....	1983	_SC_XOPEN_SHM.....	1983
119	_SC_SAVED_IDS.....	1981	_SC_XOPEN_UNIX.....	1983
120	_SC_SEMAPHORES.....	1981	_SC_XOPEN_VERSION.....	1983
121	_SC_SEM_NSEMS_MAX.....	1983	_SC_XOPEN_XCU_VERSION.....	1983
122	_SC_SEM_VALUE_MAX.....	1983	_setjmp.....	588
123	_SC_SHARED_MEMORY_OBJECTS.....	1981	_setjmp().....	<b>590</b>
124	_SC_SHELL.....	1981	_TIME.....	515
125	_SC_SIGNALS.....	1981	_tolower().....	<b>591</b>
126	_SC_SIGQUEUE_MAX.....	1983	_toupper().....	<b>592</b>
127	_SC_SINGLE_PROCESS.....	1981	_XBS5_ILP32_OFF32.....	1983
128	_SC_SPAWN.....	1981	_XBS5_ILP32_OFFBIG.....	1983
129	_SC_SPIN_LOCKS.....	1981	_XBS5_LP64_OFF64.....	1983
130	_SC_SPORADIC_SERVER.....	1981	_XBS5_LPBIG_OFFBIG.....	1983
131	_SC_STREAM_MAX.....	1983	_XOPEN_CRYPT.....	1983
132	_SC_SYMLOOP_MAX.....	1983	_XOPEN_ENH_I18N.....	1983
133	_SC_SYNCHRONIZED_IO.....	1981	_XOPEN_LEGACY.....	1983
134	_SC_SYSTEM_DATABASE.....	1981	_XOPEN_REALTIME.....	831, 1983
135	_SC_SYSTEM_DATABASE_R.....	1981	_XOPEN_REALTIME_THREADS.....	1983
136	_SC_THREADS.....	1982	_XOPEN_SHM.....	1983
137	_SC_THREAD_ATTR_STACKADDR.....	1982	_XOPEN_SOURCE.....	512-513
138	_SC_THREAD_ATTR_STACKSIZE.....	1982	_XOPEN_UNIX.....	1983
139	_SC_THREAD_CPUTIME.....	1982	_XOPEN_VERSION.....	1983
140	_SC_THREAD_DESTRUCTOR_ITERATIONS.....	1983	_XOPEN_XCU_VERSION.....	1983
141	.....	1983	a64l().....	<b>593</b>
142	_SC_THREAD_KEYS_MAX.....	1983	ABDAY_1.....	1346
143	_SC_THREAD_PRIORITY_SCHEDULING.....	1982	abort().....	<b>595</b>
144	_SC_THREAD_PRIO_INHERIT.....	1982	abs().....	<b>597</b>
145	_SC_THREAD_PRIO_PROTECT.....	1982	accept().....	<b>598</b>
146	_SC_THREAD_PROCESS_SHARED.....	1982	access().....	<b>600</b>
147	_SC_THREAD_SAFE_FUNCTIONS.....	1982	acos().....	<b>603</b>
148	_SC_THREAD_SPORADIC_SERVER.....	1982	acosh().....	<b>605</b>
149	_SC_THREAD_STACK_MIN.....	1983	ACTION.....	1094

150	address information	921	BC_BASE_MAX	1980
151	address string	921	BC_DIM_MAX	1980
152	addrinfo structure	921	BC_SCALE_MAX	1980
153	ADV	501	BC_STRING_MAX	1980
154	AF_	516	BE	501
155	AIO	501	bind()	645
156	AIO_	514	BOOT_TIME	781-782
157	AIO_ALLDONE	607	broadcasting a condition	1536
158	aio_cancel()	607	BSD	621, 689, 804, 828, 836, 894
159	AIO_CANCELED	607		1044, 1194, 1269, 1336, 1684, 1723
160	aio_error()	609		1732, 1811, 1856, 1883, 2004, 2026
161	aio_fsync()	610		2065, 2100
162	AIO_LISTIO_MAX	1213, 1980	bsd_signal()	647
163	AIO_MAX	1213, 1980	bsearch()	649
164	AIO_NOTCANCELED	607	btowc()	652
165	AIO_PRIO_DELTA_MAX	544, 1980	buffer cache	950
166	aio_read()	612	BUFSIZ	1790
167	aio_return()	615	BUS_	516
168	aio_suspend()	616	byte-oriented stream	537
169	aio_write()	618	byte-stream mode	1680
170	alarm()	621	bzero()	653
171	anycast	570	cabs()	654
172	ANYMARK	1135	cacos()	655
173	appropriate privileges	601, 893	cacosh()	656
174	argc	796	calloc()	657
175	ARG_MAX	521, 791, 793, 797, 1980	can	497
176	asctime()	623	cancel-safe	1641
177	asctime_r	623	cancelability state	1574, 1641
178	asin()	626	cancelability states	557
179	asinh	605	cancelability type	1574, 1641
180	asinh()	628	cancelation cleanup handler	1533, 1545
181	assert()	629		1564, 1578
182	async-signal-safe	1486	cancelation points	558
183	atan()	630	canceling execution of a thread	1528
184	atan2()	632	canonical name	922
185	atanh	605	carg()	659
186	atanh()	634	casin()	660
187	atexit()	635	casinh()	661
188	ATEXIT_MAX	635, 1980	catan()	662
189	atof()	636	catanh()	663
190	atoi()	637	catclose()	664
191	atol()	639	catgets()	665
192	background	1811	catopen()	667
193	background process	2012	cbrt()	669
194	BAR	501	ccos()	670
195	basename()	641	ccosh()	671
196	baud rate functions	675	CD	501
197	bcmp()	643	ceil()	672
198	bcopy()	644	cexp()	674
199	BC_ constants		cfgetispeed()	675
200	in sysconf	1980	cfgetospeed()	677

## Index

201	cfsetispeed()	678	copysign()	721
202	cfsetospeed()	680	core	2101
203	change current working directory	683	core file	803
204	change file modes	686	cos()	722
205	change owner and group of file	689	cosh()	724
206	CHAR_MAX	1219, 1221	covert channel	1194
207	chdir()	682	cpow()	726
208	CHILD_MAX	888, 1980	cproj()	727
209	chmod()	684	CPT	501
210	chown()	688	creal()	728
211	cimag()	692	creat()	729
212	CLD_	516	create a per-process timer	2029
213	clearerr()	693	create an interprocess channel	1371
214	clock tick	621, 1984, 2036	create session and set process group ID	1824
215	clock ticks/second	1980	CRYPT	731, 767, 1803
216	clock()	694	crypt()	731
217	CLOCKS_PER_SEC	694	CS	502
218	CLOCK_	515	csin()	733
219	clock_getcpuclockid()	696	csinh()	734
220	clock_getres()	697	csqrt()	735
221	clock_gettime	697	ctan()	736
222	CLOCK_MONOTONIC	551, 701	ctanh()	737
223	clock_nanosleep()	700	ctermid()	738
224	CLOCK_PROCESS_CPUTIME_ID	551	ctime()	740
225	CLOCK_REALTIME	551, 697, 701	ctime_r	740
226		1336, 1595, 1764, 2028	CX	502
227	clock_settime	697	data key creation	1578
228	CLOCK_THREAD_CPUTIME_ID	552	data messages	539
229	clog()	703	data type	583
230	close a file	706	DATMSK	993
231	close()	704	daylight	742, 2057
232	closedir()	708	DBL_MANT_DIG	672, 871
233	closelog()	710	DBL_MAX_EXP	672, 871
234	CMMSG_	516	DBM	743-744
235	COLL_WEIGHTS_MAX	1980	DBM_	516
236	command interpreter		dbm_clearerr()	743
237	portable	2100	dbm_close	743
238	compare thread IDs	1563	dbm_delete	743
239	compilation environment	512	dbm_error	743
240	condition variable initialization attributes	1549	dbm_fetch	743
241	conforming application	1899	dbm_firstkey	743
242	conforming application, strictly	621, 796	DBM_INSERT	743
243	confstr()	714	dbm_nextkey	743
244	conj()	717	dbm_open	743
245	connect()	718	DBM_REPLACE	743
246	control data	539	dbm_store	743
247	control-normal	1680	DEAD_PROCESS	781-782
248	conversion descriptor	791, 796, 1101-1104	deferred cancelability	1574
249	conversion specification	898, 932, 966	delay process execution	1898
250		975, 1932, 1936, 1948	DELAYTIMER_MAX	1980, 2032
251	modified	1937	dependency ordering	755

252	DES		
253	decryption algorithm.....	767	
254	descriptive name .....	921	
255	destroying a mutex .....	1584	
256	destroying condition variables.....	1540	
257	destructor functions.....	1578	
258	detaching a thread.....	1561	
259	difftime().....	<b>746</b>	
260	DIR.....	583, 708, 1359, 1361, 1687, 1726, 1752, 2020	
261	directive.....	898, 932, 966, 975, 1948	
262	modified.....	1949	
263	directory operations.....	1360	
264	dirent structure .....	1360	
265	dirname() .....	<b>747</b>	
266	div().....	<b>749</b>	
267	dlclose().....	<b>750</b>	
268	dlopen().....	<b>752</b>	
269	dlopen().....	<b>754</b>	
270	dlsym() .....	<b>757</b>	
271	dot .....	1360, 1723	
272	dot-dot.....	1360, 1723	
273	drand48() .....	<b>759</b>	
274	dup() .....	<b>762</b>	
275	dup2.....	762	
276	dynamic package initialization .....	1616	
277	E2BIG .....	<b>521</b>	
278	EACCESS.....	<b>522</b>	
279	EADDRINUSE .....	<b>522</b>	
280	EADDRNOTAVAIL.....	<b>522</b>	
281	EAFNOSUPPORT .....	<b>522</b>	
282	EAGAIN.....	<b>522</b> , 527	
283	EALREADY .....	<b>522</b>	
284	EBADF .....	<b>522</b>	
285	EBADMSG .....	<b>522</b>	
286	EBUSY .....	<b>522</b>	
287	ECANCELED .....	<b>522</b>	
288	ECHILD .....	<b>522</b>	
289	ECONNABORTED .....	<b>522</b>	
290	ECONNREFUSED.....	<b>522</b>	
291	ECONNRESET .....	<b>523</b>	
292	ecvt().....	<b>765</b>	
293	EDEADLK.....	<b>523</b>	
294	EDESTADDRREQ .....	<b>523</b>	
295	EDOM .....	<b>523</b>	
296	EDQUOT .....	<b>523</b>	
297	EEXIST .....	<b>523</b>	
298	EFAULT .....	<b>523</b>	
299	EFBIG .....	<b>523</b>	
300	effective group ID.....	689, 797, 1012	
301	effective user ID .....	601, 797, 1194	
302	EHOSTUNREACH .....	523	
	EIDRM .....	<b>523</b>	
	Eighth Edition UNIX .....	2170	
	EILSEQ.....	538	
	EINPROGRESS.....	<b>523</b> , 544	
	EINTR.....	<b>523</b> , 560	
	EINVAL .....	<b>524</b>	
	EIO .....	<b>524</b>	
	EISCONN.....	<b>524</b>	
	EISDIR .....	<b>524</b>	
	ELOOP .....	<b>524</b>	
	ELSIZE .....	1239	
	EMFILE .....	<b>524</b>	
	EMLINK .....	<b>524</b>	
	EMPTY.....	782	
	EMSGSIZE .....	<b>524</b>	
	EMULTIHOP .....	<b>524</b>	
	ENAMETOOLONG.....	<b>524</b>	
	encrypt().....	<b>767</b>	
	endgrent() .....	<b>769</b>	
	endhostent() .....	771	
	endnetent() .....	773	
	endprotoent() .....	775	
	endpwent() .....	777	
	endservent() .....	779	
	endutent().....	<b>781</b>	
	ENETDOWN.....	<b>524</b>	
	ENETRESET .....	<b>524</b>	
	ENETUNREACH .....	<b>524</b>	
	ENFILE .....	<b>524</b>	
	ENOBUFS.....	<b>525</b>	
	ENODATA .....	<b>525</b>	
	ENODEV .....	<b>525</b>	
	ENOENT .....	<b>525</b>	
	ENOEXEC .....	<b>525</b>	
	ENOLCK .....	<b>525</b>	
	ENOLINK .....	<b>525</b>	
	ENOMEM.....	<b>525</b>	
	ENOMSG.....	<b>525</b>	
	ENOPROTOPT .....	<b>525</b>	
	ENOSPC .....	<b>525</b>	
	ENOSR.....	<b>525</b>	
	ENOSTR .....	<b>525</b>	
	ENOSYS.....	<b>525</b>	
	ENOTCONN.....	<b>525</b>	
	ENOTDIR.....	<b>526</b>	
	ENOTEMPTY .....	<b>526</b>	
	ENOTSOCK.....	<b>526</b>	
	ENOTSUP .....	<b>526</b>	
	ENOTTY .....	<b>526</b>	
	ENTRY.....	1094	
	environ.....	<b>784</b> , 796	

## Index

303	envp.....	796	extension	
304	ENXIO.....	<b>526</b>	CX.....	502
305	EOPNOTSUPP.....	<b>526</b>	OH.....	503
306	EOVERFLOW.....	<b>526</b>	XSI.....	507
307	EPERM.....	<b>526</b>	extensions to setlocale.....	1806
308	EPIPE.....	<b>526</b>	fabs().....	<b>811</b>
309	EPROTO.....	<b>526</b>	fattach().....	<b>813</b>
310	EPROTONOSUPPORT.....	<b>526</b>	fchdir().....	<b>816</b>
311	EPROTOTYPE.....	<b>526</b>	fchmod().....	<b>817</b>
312	erand48.....	759	fchown().....	<b>819</b>
313	erand48().....	<b>785</b>	fclose().....	<b>821</b>
314	ERANGE.....	<b>526</b>	fcntl().....	<b>823</b>
315	erf().....	<b>786</b>	fcvt.....	765
316	erfc.....	786	fcvt().....	<b>830</b>
317	EROFS.....	<b>527</b>	FD.....	<b>502</b>
318	errno.....	<b>788</b> , 827	fdatasync().....	<b>831</b>
319	error descriptions.....	981	fdetach().....	<b>832</b>
320	error numbers.....	521	fdim().....	<b>834</b>
321	additional.....	527	fdopen().....	<b>835</b>
322	ESPIPE.....	<b>527</b>	FD_CLOEXEC.....	536, 667, 791, 823, 1104
323	ESRCH.....	<b>527</b>	.....	1351, 1360, 1371, 1390, 1397, 1836
324	EST.....	2057	FD_CLR().....	<b>586</b>
325	establishing cancelation handlers.....	1533	FD_ISSET.....	586
326	ESTALE.....	<b>527</b>	FD_SET.....	586
327	ETIME.....	<b>527</b>	FD_ZERO.....	586
328	ETIMEDOUT.....	<b>527</b>	feature test macro.....	512, 986
329	ETXTBSY.....	<b>527</b>	_POSIX_C_SOURCE.....	512
330	EWouldBlock.....	<b>527</b>	_XOPEN_SOURCE.....	512
331	examine and change blocked signals.....	1646	feclearexcept().....	<b>838</b>
332	examine and change signal action.....	1856	fegetenv().....	<b>839</b>
333	EXDEV.....	<b>527</b>	fegetexceptflag().....	<b>840</b>
334	exec.....	<b>790</b>	fegetround().....	<b>841</b>
335	of shell scripts.....	796	fehldexcept().....	<b>843</b>
336	exec family.....	601, 706, 827, 868	feof().....	<b>844</b>
337	.....	890, 1486, 1812, 2100	feraiseexcept().....	<b>845</b>
338	execl.....	790	ferror().....	<b>846</b>
339	execle.....	790	fesetenv().....	<b>847</b>
340	execlp.....	790	fesetexceptflag().....	<b>848</b>
341	execute a file.....	796	fesetround().....	<b>849</b>
342	execution time monitoring.....	551	fetestexcept().....	<b>850</b>
343	execv.....	790	feupdateenv().....	<b>852</b>
344	execve.....	790	fflush().....	<b>853</b>
345	execvp.....	790	ffs().....	<b>856</b>
346	exit().....	<b>801</b>	fgetc().....	<b>857</b>
347	EXIT_FAILURE.....	801	fgetpos().....	<b>860</b>
348	EXIT_SUCCESS.....	801, 804	fgets().....	<b>862</b>
349	exp().....	<b>806</b>	fgetwc().....	<b>864</b>
350	exp2().....	<b>808</b>	fgetws().....	<b>866</b>
351	expm1().....	<b>810</b>	FIFO.....	1271-1272, 1355, 2168
352	EXPR_NEST_MAX.....	1980	FILE.....	583, 693, 821, 835, 844, 846
353			.....	853, 857, 860, 862, 864, 866, 868-869

354	.....883, 898, 910, 912, 914, 916-917, 926	FR.....	<b>502</b>
355	.....932, 939, 942, 952, 964-966, 973, 975	fread().....	<b>917</b>
356	.....984-985, 1083, 1367, 1377, 1656-1657	free().....	<b>919</b>
357	.....1669, 1725, 1790, 1834, 1917, 2039, 2067	freeaddrinfo().....	<b>921</b>
358	.....2069, 2088, 2091, 2093, 2095	freehostent.....	771
359	file	freehostent().....	<b>925</b>
360	locking.....	freopen().....	<b>926</b>
361	file accessibility.....	frexp().....	<b>930</b>
362	file control.....	FSC.....	<b>502</b>
363	FILE object.....	fscanf().....	<b>932</b>
364	file permission bits.....	fseek().....	<b>939</b>
365	file permissions.....	fseeko.....	939
366	file position indicator.....	fsetpos().....	<b>942</b>
367	fileno().....	fstat().....	<b>944</b>
368	FILESIZEBITS.....	fstatvfs().....	<b>947</b>
369	FIND.....	fsync().....	<b>950</b>
370	find string token.....	ftell().....	<b>952</b>
371	flockfile().....	ftello.....	952
372	floor().....	ftime().....	<b>954</b>
373	FLUSH.....	ftok().....	<b>956</b>
374	FLUSHR.....	ftruncate().....	<b>958</b>
375	FLUSHRW.....	ftrylockfile.....	869
376	FLUSHW.....	ftrylockfile().....	<b>960</b>
377	fma().....	FTW.....	516, 1341-1342
378	fmax().....	ftw().....	<b>961</b>
379	fmin().....	FTW_CHDIR.....	1341
380	FMNAMESZ.....	FTW_D.....	961, 1341
381	fmod().....	FTW_DEPTH.....	1341
382	fmtmsg().....	FTW_DNR.....	961, 1341-1342
383	fnmatch().....	FTW_DP.....	1341
384	FNM.....	FTW_F.....	961, 1341
385	FNM_NOESCAPE.....	FTW_MOUNT.....	1341
386	FNM_NOMATCH.....	FTW_NS.....	961, 1341-1342
387	FNM_PATHNAME.....	FTW_PHYS.....	1341
388	FNM_PERIOD.....	FTW_SL.....	961, 1341
389	fopen().....	FTW_SLN.....	1341
390	FOPEN_MAX.....	fully-qualified domain name.....	1032
391	foreground.....	functions.....	<b>511</b>
392	fork handler.....	implementation.....	511
393	fork().....	use.....	511
394	forkall.....	funlockfile.....	869
395	format of entries.....	funlockfile().....	<b>964</b>
396	fpathconf().....	fwide().....	<b>965</b>
397	fpclassify().....	fwprintf().....	<b>966</b>
398	FPE.....	fwrite().....	<b>973</b>
399	fprintf().....	fwscanf().....	<b>975</b>
400	fputc().....	F_DUPFD.....	762, 764, 823, 825-826
401	fputs().....	F_GETFD.....	823, 825-826
402	fputwc().....	F_GETFL.....	823, 825-826
403	fputws().....	F_GETLK.....	824-826
404	FQDN.....	F_GETOWN.....	823, 825



## Index

405	F_LOCK.....	1226	gethostid() .....	1019
406	F_RDLCK .....	826	gethostname().....	1020
407	F_SETFD .....	823, 825-826	getipnodebyaddr .....	1013
408	F_SETFL.....	823, 825-826	getipnodebyaddr().....	1021
409	F_SETLK .....	824-827	getipnodebyname.....	1013
410	F_SETLKW.....	558, 824-827	getipnodebyname() .....	1022
411	F_SETOWN .....	823, 825	getitimer().....	1023
412	F_TEST.....	1226	getlogin() .....	1025
413	F_TLOCK .....	1226	getlogin_r .....	1025
414	F_ULOCK.....	1226	getmsg() .....	1028
415	F_UNLCK.....	824-825	getnameinfo() .....	1032
416	F_WRLCK .....	826	GETNCNT .....	1771-1772
417	gai_strerror() .....	981	getnetbyaddr .....	773
418	gcvt.....	765	getnetbyaddr().....	1034
419	gcvt().....	982	getnetbyname.....	773
420	get configurable path name variables.....	894	getnetbyname() .....	1035
421	get configurable system variables .....	1984	getnetent .....	773
422	get file status.....	1914	getnetent() .....	1036
423	get process times .....	2036	getopt().....	1037
424	get supplementary group IDs.....	1011	getpeername().....	1042
425	get system time.....	2026	getpgid() .....	1043
426	get thread ID.....	1639	getpgrp() .....	1044
427	get user name .....	1026	GETPID.....	1771-1772
428	getaddrinfo .....	921	getpid().....	1045
429	getaddrinfo() .....	983	getpmsg.....	1028
430	GETALL.....	1771	getpmsg().....	1046
431	getc() .....	984	getppid() .....	1047
432	getchar() .....	987	getpriority().....	1048
433	getchar_unlocked .....	985	getprotobyname.....	775
434	getcontext() .....	988	getprotobyname() .....	1051
435	getcwd() .....	990	getprotobynumber .....	775
436	getc_unlocked().....	985	getprotobynumber().....	1052
437	getdate() .....	993	getprotoent.....	775
438	getdate_err .....	993	getprotoent() .....	1053
439	getegid() .....	998	getpwent.....	777
440	getenv.....	796	getpwent() .....	1054
441	getenv() .....	999	getpwnam().....	1055
442	geteuid().....	1002	getpwnam_r .....	1055
443	getgid().....	1003	getpwuid().....	1058
444	getgrent.....	769	getpwuid_r .....	1058
445	getgrent() .....	1004	getrlimit().....	1061
446	getgrgid() .....	1005	getrusage().....	1064
447	getgrgid_r.....	1005	gets() .....	1066
448	getgrnam().....	1008	getservbyname.....	779
449	getgrnam_r.....	1008	getservbyname() .....	1068
450	getgroups().....	1011	getservbyport .....	779
451	gethostbyaddr().....	1013	getservbyport().....	1069
452	gethostbyname.....	1013	getservent.....	779
453	gethostbyname() .....	1017	getservent() .....	1070
454	gethostent.....	771	getsid() .....	1071
455	gethostent() .....	1018	getsockname() .....	1072

456	getsockopt()	1073	iconv_close()	1103
457	getsubopt()	1076	iconv_open()	1104
458	gettimeofday()	1079	IF_	516
459	getuid()	1080	if_freenameindex()	1106
460	getutxent	781	if_indextoname()	1107
461	getutxent()	1082	if_nameindex()	1108
462	getutxid	781, 1082	if_nametoindex()	1109
463	getutxline	781, 1082	ILL_	516
464	GETVAL	1771-1772	ilogb()	1110
465	getwc()	1083	imaxabs()	1111
466	getwchar()	1084	imaxdiv()	1112
467	getwd	991	implementation-defined	497
468	getwd()	1085	IMPLINK_	516
469	GETZCNT	1771-1772	INADDR_	516
470	glob()	1086	index()	1113
471	globfree	1086	inet_addr()	1114
472	GLOB_	516	inet_lnaof	1114
473	GLOB_constants		inet_lnaof()	1116
474	error returns of glob	1087	inet_makeaddr	1114
475	used in glob	1086	inet_makeaddr()	1117
476	GLOB_ABORTED	1087	inet_netof	1114
477	GLOB_APPEND	1086-1087	inet_netof()	1118
478	GLOB_DOOFFS	1086-1087	inet_network	1114
479	GLOB_ERR	1086-1087	inet_network()	1119
480	GLOB_MARK	1086	inet_ntoa	1114
481	GLOB_NOCHECK	1087	inet_ntoa()	1120
482	GLOB_NOESCAPE	1087	inet_ntop()	1121
483	GLOB_NOMATCH	1087	inet_pton	1121
484	GLOB_NOSORT	1087	Inf	603, 626, 672, 871, 876
485	GLOB_NOSPACE	1087	INFO	879
486	GMT	2057	init	804, 1194
487	gmtime()	1090	initialize a named semaphore	1760
488	gmtime_r	1090	initialize an unnamed semaphore	1757
489	grantpt()	1092	initializing a mutex	1584
490	granularity of clock	954	initializing condition variables	1540
491	HALT	879	initstate()	1123
492	hcreate	1094	INIT_PROCESS	781-782
493	hcreate()	1094	input and output rationale	1683
494	hdestroy	1094	insque()	1125
495	high resolution sleep	1336	international environment	1806
496	host name	921	INT_MAX	1110
497	htonl()	1097	INT_MIN	597
498	htons	1097	IN_	516
499	htons()	1098	ioctl()	1128
500	HUGE_VAL	672, 724, 806, 810, 871	IOV_	516
501		1099, 1202, 1206, 1229, 1231, 1233	IOV_MAX	1680, 1682, 1980, 2165, 2167
502		1235, 1339, 1477, 1736, 1896, 1994	IP6	502
503		2128, 2174	IPC	541, 1319, 1321, 1324, 1326
504	hypot()	1099		1776, 1780, 1846, 1849
505	h_errno	1093	IPC_	516
506	iconv()	1101		

## Index

507	IPC_constants	
508	used in semctl .....	1771
509	used in shmctl .....	1844
510	IPC_CREAT .....	1320, 1774, 1848
511	IPC_EXCL .....	1320, 1774
512	IPC_NOWAIT .....	1322-1323, 1325-1326, 1777
513	IPC_PRIVATE .....	1320, 1774, 1848
514	IPC_RMID .....	1318, 1772, 1844
515	IPC_SET .....	1318, 1772, 1844
516	IPC_STAT .....	1318, 1771, 1844
517	IPPORT .....	516
518	IPPROTO .....	516
519	IPv4 .....	569
520	IPv4-compatible address .....	570
521	IPv4-mapped address .....	570
522	IPv6 .....	570
523	compatibility with IPv4 .....	571
524	interface identification .....	571
525	options .....	571
526	IPv6 address	
527	anycast .....	570
528	loopback .....	570
529	multicast .....	570
530	unicast .....	570
531	unspecified .....	570
532	IP .....	516
533	isalnum() .....	<b>1140</b>
534	isalpha() .....	<b>1141</b>
535	isascii() .....	<b>1142</b>
536	isastream() .....	<b>1143</b>
537	isatty() .....	<b>1144</b>
538	isblank() .....	<b>1145</b>
539	iscntrl() .....	<b>1146</b>
540	isdigit() .....	<b>1147</b>
541	isfdtype() .....	<b>1148</b>
542	isfinite() .....	<b>1149</b>
543	isgraph() .....	<b>1150</b>
544	isgreater() .....	<b>1151</b>
545	isgreaterequal() .....	<b>1152</b>
546	isinf() .....	<b>1153</b>
547	isless() .....	<b>1154</b>
548	islessequal() .....	<b>1155</b>
549	islessgreater() .....	<b>1156</b>
550	islower() .....	<b>1157</b>
551	isnan() .....	<b>1159</b>
552	isnormal() .....	<b>1160</b>
553	ISO C standard .....	500, 621, 796, 826, 986
554	.....	1241, 1676, 1723, 1806, 1856, 1883, 2026
555	isprint() .....	<b>1161</b>
556	ispunct() .....	<b>1162</b>
557	isspace() .....	<b>1163</b>
	Issue 4	
	changes from .....	491
	isunordered() .....	<b>1164</b>
	isupper() .....	<b>1165</b>
	iswalnum() .....	<b>1166</b>
	iswalpha() .....	<b>1168</b>
	iswblank() .....	<b>1170</b>
	iswcntrl() .....	<b>1171</b>
	iswctype() .....	<b>1173</b>
	iswdigit() .....	<b>1175</b>
	iswgraph() .....	<b>1176</b>
	iswlower() .....	<b>1178</b>
	iswprint() .....	<b>1180</b>
	iswpunct() .....	<b>1182</b>
	iswspace() .....	<b>1184</b>
	iswupper() .....	<b>1186</b>
	iswxdigit() .....	<b>1188</b>
	isxdigit() .....	<b>1189</b>
	ITIMER_PROF .....	1023
	ITIMER_REAL .....	1023
	ITIMER_VIRTUAL .....	1023
	I .....	516
	I_ATMARK .....	1134-1135
	I_CANPUT .....	1135
	I_CKBAND .....	1135
	I_FDINSERT .....	1131
	I_FIND .....	1130
	I_FLUSH .....	1128
	I_FLUSHBAND .....	1129
	I_GETBAND .....	1135
	I_GETCLTIME .....	1135
	I_GETSIG .....	1130
	I_GRDOPT .....	1131, 1680
	I_GWROPT .....	1133
	I_LINK .....	1136
	I_LIST .....	1134
	I_LOOK .....	1128
	I_NREAD .....	1131
	I_PEEK .....	1130
	I_PLINK .....	1137
	I_POP .....	1128
	I_PUNLINK .....	1137
	I_PUSH .....	1128
	I_RECVFD .....	522, 1134
	I_SENDFD .....	1133-1134
	I_SETCLTIME .....	704, 1135
	I_SETSIG .....	1129-1130
	I_SRDOPT .....	1130-1131, 1680
	I_STR .....	1132
	I_SWROPT .....	1133, 2165
	I_UNLINK .....	1136

558	j0()	1190	llrint()	1217
559	j1	1190	llround()	1218
560	jn	1190	load ordering	755
561	job control	804, 1044, 1194, 1811, 1824, 1984, 2100	localeconv()	1219
562	rand48	759	localtime()	1223
563	rand48()	1192	localtime_r	1223
564	JST	2057	lockf()	1226
565	kill()	1193	locking	826
566	killpg()	1196	advisory	827
567	l64a	593	mandatory	827
568	l64a()	1197	locking and unlocking a mutex	1592
569	labs()	1198	log()	1229
570	LANG	667	log10()	1231
571	last close	1840	log1p()	1233
572	LASTMARK	1135	log2()	1234
573	lchown()	1199	logb()	1235
574	lcong48	759	login shell	796
575	lcong48()	1201	LOGIN_NAME_MAX	1025, 1980
576	LC_ALL	791, 1221, 1346, 1805-1806	LOGIN_PROCESS	781-782
577	LC_COLLATE	1086-1087, 1805-1806	LOG_	516
578		1924, 1970, 2112, 2143	LOG_constants in syslog	710
579	LC_CTYPE	652, 1173, 1249, 1251, 1253	LOG_ALERT	710
580		1255-1256, 1258, 1260, 1805-1806	LOG_CONS	711
581		2044-2048, 2107, 2123, 2136, 2145-2146	LOG_CRIT	710
582		2148-2149	LOG_DEBUG	710
583	LC_MESSAGES	667, 1805-1806, 1930	LOG_EMERG	710
584	LC_MONETARY	1221, 1805-1806, 1933	LOG_ERR	710
585	LC_NUMERIC	765, 898, 932, 966, 975	LOG_INFO	710
586		1221, 1805-1806, 1933, 1957, 2128	LOG_LOCAL	710
587	LC_TIME	994, 1346, 1805-1806	LOG_NDELAY	711
588	ldexp()	1202	LOG_NOTICE	710
589	ldiv()	1204	LOG_NOWAIT	711
590	legacy	497	LOG_ODELAY	711
591	LEGACY	2083	LOG_PID	711
592	lfind	1239	LOG_USER	710-711
593	lfind()	1205	LOG_WARNING	710
594	lgamma()	1206	longjmp()	1236
595	LIFO	560	LONG_BIT	760
596	LINE_MAX	1980	LONG_MAX	1965, 2134
597	link to a file	1210	LONG_MIN	1965, 2134
598	link()	1208	rand48	759
599	LINK_MAX	524, 892, 1208, 1722	rand48()	1238
600	LIO_	514	lsearch()	1239
601	lio_listio()	1212	lseek()	1241
602	LIO_NOP	1212	lstat()	1243
603	LIO_NOWAIT	1212	L_ctermid	738
604	LIO_READ	1212	l_sysid	827
605	LIO_WAIT	1212	makecontext()	1245
606	LIO_WRITE	1212	malloc()	1247
607	list directed I/O	1214	MAN	502
608	listen()	1215	manipulate signal sets	1863

## Index

609	mappings.....	1292	MLR.....	503
610	MAP.....	514, 516	mmap().....	1287
611	MAP_FAILED.....	1292	MM_APPL.....	878
612	MAP_FIXED.....	1288, 1291	MM_CONSOLE.....	878
613	MAP_PRIVATE.....	887, 1288, 1292, 1296, 1328	MM_ERROR.....	879-880
614	MAP_SHARED.....	890, 1288-1289	mm_FIRM.....	878
615	MAXPATHLEN.....	747	MM_HALT.....	879
616	MAX_CANON.....	892	MM_HARD.....	878
617	MAX_INPUT.....	892	MM_INFO.....	879
618	may.....	497	MM_NOCON.....	879
619	mblen().....	1249	MM_NOMSG.....	879
620	mbrlen().....	1251	MM_NOSEV.....	879
621	mbrtowc().....	1253	MM_NOTOK.....	879
622	mbsinit().....	1255	MM_NRECOV.....	878
623	mbsrtowcs().....	1256	MM_NULLMC.....	878
624	mbstowcs().....	1258	MM_OK.....	879
625	mbtowc().....	1260	MM_OPSYS.....	878
626	MB_CUR_MAX.....	1249, 1251, 1253, 1260	MM_PRINT.....	878, 880
627	.....	2107, 2146	MM_RECOVER.....	878
628	MCL.....	514	MM_SOFT.....	878
629	MCL_CURRENT.....	1285	MM_UTIL.....	878
630	MCL_FUTURE.....	1285	MM_WARNING.....	879
631	memccpy().....	1262	modf().....	1294
632	memchr().....	1263	MON.....	503
633	memcmp().....	1264	MORECTL.....	1029
634	memcpy().....	1265	MOREDATA.....	1029
635	MEMLOCK_FUTURE.....	1292	MPR.....	503
636	memmove().....	1266	mprotect().....	1296
637	memory management.....	545	mq_close().....	1298
638	memory protection option.....	1291	mq_getattr().....	1299
639	memset().....	1267	mq_notify().....	1301
640	message catalog descriptor.....	791, 796, 801	mq_open().....	1303
641	message parts.....	540	MQ_OPEN_MAX.....	1980
642	message priority.....	539	MQ_PRIO_MAX.....	1309-1310, 1980
643	high-priority.....	539	mq_receive().....	1306
644	normal.....	539	mq_send().....	1309
645	priority.....	539	mq_setattr().....	1311
646	message-discard mode.....	1680	mq_timedreceive.....	1306
647	message-nondiscard mode.....	1680	mq_timedreceive().....	1313
648	MET.....	2057	mq_timedsend.....	1309
649	MF.....	502	mq_timedsend().....	1314
650	MINSIGSTKSZ.....	1860	mq_unlink().....	1315
651	mkdir().....	1268	mrnd48.....	759
652	mkfifo().....	1271	mrnd48().....	1317
653	mknod().....	1274	MSE.....	492
654	mkstemp().....	1277	MSG.....	503, 516
655	mktemp().....	1279	msgctl().....	1318
656	mktime().....	1281	msgget().....	1320
657	ML.....	502	msgrcv().....	1322
658	mlock().....	1283	msgsnd().....	1325
659	mlockall().....	1285	MSGVERB.....	879-880

660	MSG_.....	516	nohup utility.....	797
661	MSG_ANY.....	1028	non-local jumps.....	1883
662	MSG_BAND.....	1028, 1662	non-volatile storage.....	950
663	MSG_HIPRI.....	1028, 1662	nrand48.....	759
664	MSG_NOERROR.....	1322-1323	nrand48().....	<b>1348</b>
665	msg_perm.....	541	ntohl.....	1097
666	msqid.....	541	ntohl().....	<b>1349</b>
667	MST.....	2057	ntohs.....	1097
668	msync().....	<b>1328</b>	ntohs().....	<b>1350</b>
669	MS.....	514, 516	NULL.....	683, 715, 738, 745, 752, 757, 1292
670	MS_ASYNC.....	1289, 1328	NUM_EMPL.....	1095
671	MS_INVALIDATE.....	1328-1329	NZERO.....	1048, 1344
672	MS_SYNC.....	1289, 1328	OB.....	<b>503</b>
673	multicast.....	570	obsolescent.....	675
674	munlock.....	1283	OF.....	<b>503</b>
675	munlock().....	<b>1331</b>	OH.....	<b>503</b>
676	munlockall.....	1285	OLD_TIME.....	781-782
677	munlockall().....	<b>1332</b>	open a file.....	1355
678	munmap().....	<b>1333</b>	open a named semaphore.....	1760
679	mutex attributes.....	1599	open a shared memory object.....	1837
680	mutex initialization attributes.....	1598	open().....	<b>1351</b>
681	mutex performance.....	1599	opendir().....	<b>1359</b>
682	MUXID_ALL.....	1136-1137	openlog.....	710
683	MUXID_R.....	516	openlog().....	<b>1362</b>
684	M.....	516	OPEN_MAX.....	524, 667, 762, 777, 826, 884
685	name information.....	1032	.....	926, 961, 1005, 1008, 1025, 1058, 1104
686	name space.....	<b>513</b>	.....	1342, 1353, 1359, 1371, 1397, 1400, 1980
687	NAME_MAX.....	524, 600, 667, 682, 684, 688	.....	2039
688	.....	794, 814, 832, 884, 892, 926, 947, 956	optarg.....	1037, 1363
689	.....	1199, 1208, 1243, 1268, 1275, 1304, 1315	opterr.....	1037, 1363
690	.....	1342, 1353, 1359, 1475, 1687, 1691, 1697	optind.....	1037, 1363
691	.....	1722, 1731, 1760, 1768, 1837, 1840, 1912	option	
692	.....	1977, 2050, 2071, 2080, 2083	ADV.....	501
693	NaN.....	603, 626, 630, 632, 672, 722, 724	AIO.....	501
694	.....	786, 806, 811, 871, 876, 930, 1099, 1190	BAR.....	501
695	.....	1202, 1206, 1229, 1231, 1294, 1339, 1477	BE.....	501
696	.....	1894, 1896, 1906, 1994, 1996, 2174	CD.....	501
697	nan().....	<b>1335</b>	CPT.....	501
698	nanosleep().....	<b>1336</b>	CS.....	502
699	NDEBUG.....	520, 629	FD.....	502
700	nearbyint().....	<b>1338</b>	FR.....	502
701	network interfaces.....	563	FSC.....	502
702	NEW_TIME.....	781-782	IP6.....	502
703	nextafter().....	<b>1339</b>	MF.....	502
704	nftw().....	<b>1341</b>	ML.....	502
705	NGROUPS_MAX.....	1012, 1980	MLR.....	503
706	nice().....	<b>1344</b>	MON.....	503
707	NLSPATH.....	667-668	MPR.....	503
708	NL_ARGMAX.....	898, 932, 966, 975	MSG.....	503
709	NL_CAT_LOCALE.....	667	PIO.....	504
710	nl_langinfo().....	<b>1346</b>	PS.....	504

## Index

711	RTS	504	PAGESIZE	545, 1283, 1329, 1333, 1493, 1982
712	SD	504	PAGE_SIZE	1982
713	SEM	504	PATH	715
714	SHM	504	PATH environment variable	798
715	SIO	504	pathconf	892
716	SPI	504	pathconf()	1364
717	SPN	505	PATH_MAX	524, 600, 682, 684, 688, 794
718	SS	505		814, 832, 884, 892, 926, 947, 956, 991
719	TCT	505		1085, 1199, 1208, 1243, 1268, 1275, 1304
720	TEF	506		1342, 1353, 1359, 1475, 1691, 1722, 1731
721	THR	505		1760, 1837, 1912, 1977, 1985, 2050, 2071
722	TMO	505		2080, 2083
723	TMR	505	pause()	1365
724	TPI	505	pclose()	1367
725	TPP	506	per-process timers	2033
726	TPS	506	perror()	1369
727	TRC	506	persistent connection (I_PLINK)	1137
728	TRI	506	PF_	516
729	TRL	506	physical write	950
730	TSA	506	PIO	504
731	TSF	506	pipe	889, 1355, 2168
732	TSH	507	pipe()	1371
733	TSP	507	PIPE_BUF	892, 2164, 2168
734	TSS	507	PIPE_MAX	2170
735	TYM	507	plain characters	1932
736	UP	507	POLL	516
737	XSR	508	poll()	1373
738	optopt	1037, 1040, 1363	POLLERR	1373
739	optstring	1040	POLLHUP	1373
740	orphaned process group	804	POLLIN	1373
741	O_ constants		POLLNVAL	1373
742	used in open()	1351	POLLOUT	1373
743	O_ACCMODE	823	POLLPRI	1373
744	O_APPEND	543, 618, 743, 836, 1351, 2163	POLLRDBAND	1373
745	O_CREAT	729, 1303-1304, 1315, 1351-1353	POLLRDNORM	1373
746		1754, 1759, 1836-1838	POLLWRBAND	1373
747	O_DSYNC	610, 1351-1352, 1681, 2165	POLLWRNORM	1373
748	O_EXCL	1304, 1351, 1759, 1836-1837	POLL_	516
749	O_NDELAY	1356, 2169	popen()	1377
750	O_NOCTTY	1352, 1356	portability	501
751	O_NONBLOCK	523, 704, 821, 853, 857, 864	POSIX	765
752		910, 914, 940, 1029, 1132, 1134, 1304	POSIX.1 symbols	512
753		1306, 1309, 1311, 1352-1353, 1371, 1374	POSIX_ALLOC_SIZE_MIN	892
754		1663, 1679, 2164, 2168	posix_fadvise()	1380
755	O_RDONLY	747, 1303, 1351-1352, 1356, 1836	POSIX_FADV_DONTNEED	1380
756		1838	POSIX_FADV_NOREUSE	1380
757	O_RDWR	1226, 1303, 1351-1355, 1836, 1838	POSIX_FADV_NORMAL	1380
758	O_RSYNC	1352, 1681	POSIX_FADV_RANDOM	1380
759	O_SYNC	610, 1352, 1681, 2165	POSIX_FADV_SEQUENTIAL	1380
760	O_TRUNC	729, 1352, 1354-1355, 1837-1838	POSIX_FADV_WILLNEED	1380
761	O_WRONLY	729, 1226, 1303, 1351-1354, 1356	posix_fallocate()	1382

762	posix_madvise().....	<b>1384</b>	posix_trace_attr_getinherited() .....	<b>1431</b>
763	POSIX_MADV_DONTNEED .....	1384	posix_trace_attr_getlogsize() .....	<b>1434</b>
764	POSIX_MADV_NORMAL .....	1384	posix_trace_attr_init().....	<b>1437</b>
765	POSIX_MADV_RANDOM .....	1384	posix_trace_clear().....	<b>1438</b>
766	POSIX_MADV_SEQUENTIAL .....	1384	posix_trace_close() .....	<b>1440</b>
767	POSIX_MADV_WILLNEED .....	1384	posix_trace_create() .....	<b>1442</b>
768	posix_memalign().....	<b>1388</b>	posix_trace_event() .....	<b>1446</b>
769	posix_mem_offset().....	<b>1386</b>	posix_trace_eventid_equal() .....	<b>1448</b>
770	POSIX_REC_INCR_XFER_SIZE .....	892	posix_trace_eventset_add().....	<b>1450</b>
771	POSIX_REC_MAX_XFER_SIZE.....	892	posix_trace_eventtypelist_getnext_id().....	<b>1452</b>
772	POSIX_REC_MIN_XFER_SIZE.....	892	posix_trace_flush() .....	<b>1454</b>
773	POSIX_REC_XFER_ALIGN .....	892	posix_trace_getnext_event() .....	<b>1460</b>
774	posix_spawn() .....	<b>1389</b>	posix_trace_get_attr() .....	<b>1455</b>
775	posix_spawnattr_destroy().....	<b>1405</b>	posix_trace_get_filter().....	<b>1457</b>
776	posix_spawnattr_getflags() .....	<b>1407</b>	posix_trace_get_status().....	<b>1459</b>
777	posix_spawnattr_getpgroup() .....	<b>1409</b>	posix_trace_open() .....	<b>1463</b>
778	posix_spawnattr_getschedparam() .....	<b>1411</b>	posix_trace_rewind() .....	<b>1464</b>
779	posix_spawnattr_getschedpolicy().....	<b>1413</b>	posix_trace_set_filter() .....	<b>1465</b>
780	posix_spawnattr_getsigdefault() .....	<b>1415</b>	posix_trace_shutdown().....	<b>1466</b>
781	posix_spawnattr_getsigmask().....	<b>1417</b>	posix_trace_start() .....	<b>1467</b>
782	posix_spawnattr_init.....	1405	posix_trace_timedgetnext_event().....	<b>1469</b>
783	posix_spawnattr_init() .....	<b>1419</b>	posix_trace_trid_eventid_open() .....	<b>1470</b>
784	posix_spawnattr_setflags .....	1407	posix_trace_trygetnext_event().....	<b>1471</b>
785	posix_spawnattr_setflags().....	<b>1420</b>	POSIX_TYPED_MEM_ALLOCATE .....	1287-1288
786	posix_spawnattr_setpgroup .....	1409	.....	1386, 1472, 1474
787	posix_spawnattr_setpgroup().....	<b>1421</b>	POSIX_TYPED_MEM_ALLOCATE_CONTIG.....	
788	posix_spawnattr_setschedparam .....	1411	.....	1287-1288, 1386, 1472, 1474
789	posix_spawnattr_setschedparam().....	<b>1422</b>	posix_typed_mem_get_info() .....	<b>1472</b>
790	posix_spawnattr_setschedpolicy.....	1413	POSIX_TYPED_MEM_MAP_ALLOCATABLE.....	333
791	posix_spawnattr_setschedpolicy() .....	<b>1423</b>	.....	1474
792	posix_spawnattr_setsigdefault() .....	<b>1424</b>	posix_typed_mem_open() .....	<b>1474</b>
793	posix_spawnattr_setsigmask.....	1417	pow() .....	<b>1477</b>
794	posix_spawnattr_setsigmask() .....	<b>1425</b>	pread .....	1679
795	posix_spawnnp .....	1389	pread().....	<b>1479</b>
796	posix_spawnnp().....	<b>1426</b>	predefined stream	
797	posix_spawn_file_actions_addclose().....	<b>1397</b>	standard error .....	537
798	posix_spawn_file_actions_adddup2() .....	<b>1400</b>	standard input.....	537
799	posix_spawn_file_actions_addopen .....	1397	standard output.....	537
800	posix_spawn_file_actions_addopen().....	<b>1402</b>	preempted thread.....	1545
801	posix_spawn_file_actions_destroy() .....	<b>1403</b>	printf.....	898
802	posix_spawn_file_actions_init .....	1403	printf() .....	<b>1480</b>
803	posix_spawn_file_actions_init().....	<b>1404</b>	priority .....	539
804	POSIX_SPAWN_RESETIDS.....	1390, 1407	PRIO_ .....	516
805	POSIX_SPAWN_SETPGROUP.....	1390, 1407, 1409	PRIO_INHERIT .....	1595
806	POSIX_SPAWN_SETSCHEDPARAM...1407, 1411		PRIO_PGRP .....	1048
807	POSIX_SPAWN_SETSCHEDULER .....	1390, 1407	PRIO_PROCESS .....	1048
808	.....	1411, 1413	PRIO_USER .....	1048
809	POSIX_SPAWN_SETSIGDEF .....	1407	process	
810	POSIX_SPAWN_SETSIGMASK.....	1407, 1417	concurrent execution.....	889
811	posix_trace_attr_destroy().....	<b>1427</b>	setting real and effective user IDs .....	1820
812	posix_trace_attr_getclockres() .....	<b>1429</b>	single-threaded .....	889



## Index

813	process creation .....	889	pthread_barrierattr_destroy() .....	1522
814	process group		pthread_barrierattr_getpshared() .....	1524
815	orphaned .....	804	pthread_barrierattr_init .....	1522
816	process group ID.....	1044, 1812, 1824	pthread_barrierattr_init().....	1526
817	process ID, 1.....	804	pthread_barrierattr_setpshared .....	1524
818	process lifetime .....	1195	pthread_barrierattr_setpshared().....	1527
819	process scheduling.....	546	pthread_barrier_destroy().....	1517
820	process shared memory .....	1599	pthread_barrier_init.....	1517
821	process synchronization .....	1599	pthread_barrier_init() .....	1519
822	process termination.....	803	PTHREAD_BARRIER_SERIAL_THREAD .....	1520
823	PROT_.....	514, 516	pthread_barrier_wait() .....	1520
824	PROT_EXEC.....	1287, 1296	pthread_cancel() .....	1528
825	PROT_NONE.....	1287, 1296	PTHREAD_CANCELED.....	560, 1565
826	PROT_READ.....	1287, 1296	PTHREAD_CANCEL_ASYNCHRONOUS .....	557
827	PROT_WRITE.....	1287, 1289, 1291, 1296	.....	1640
828	PS .....	504	PTHREAD_CANCEL_DEFERRED .....	557
829	pselect().....	1481	.....	1543, 1640
830	pseudo-random sequence generation functions....		PTHREAD_CANCEL_DISABLE.....	557, 1640
831	.....	1676	PTHREAD_CANCEL_ENABLE.....	557, 1640
832	PST.....	2057	pthread_cleanup_pop() .....	1530
833	PTHREAD.....	514	pthread_cleanup_push.....	1530
834	pthread_atfork().....	1486	pthread_condattr_destroy() .....	1549
835	pthread_attr_destroy() .....	1488	pthread_condattr_getclock().....	1551
836	pthread_attr_getdetachstate().....	1491	pthread_condattr_getpshared().....	1553
837	pthread_attr_getguardsize().....	1493	pthread_condattr_init.....	1549
838	pthread_attr_getinheritsched().....	1495	pthread_condattr_init() .....	1555
839	pthread_attr_getschedparam() .....	1497	pthread_condattr_setclock.....	1551
840	pthread_attr_getschedpolicy().....	1499	pthread_condattr_setclock() .....	1556
841	pthread_attr_getscope() .....	1501	pthread_condattr_setpshared.....	1553
842	pthread_attr_getstack() .....	1503	pthread_condattr_setpshared() .....	1557
843	pthread_attr_getstackaddr() .....	1505	pthread_cond_broadcast().....	1535
844	pthread_attr_getstacksize() .....	1506	pthread_cond_destroy().....	1538
845	pthread_attr_init.....	1488	pthread_cond_init.....	1538
846	pthread_attr_init() .....	1507	pthread_cond_init().....	1541
847	pthread_attr_setdetachstate.....	1491	PTHREAD_COND_INITIALIZER.....	1538, 1541
848	pthread_attr_setdetachstate() .....	1508	pthread_cond_signal .....	1535
849	pthread_attr_setguardsize.....	1493	pthread_cond_signal().....	1542
850	pthread_attr_setguardsize() .....	1509	pthread_cond_timedwait().....	1543
851	pthread_attr_setinheritsched.....	1495	pthread_cond_wait .....	1543
852	pthread_attr_setinheritsched() .....	1510	pthread_cond_wait().....	1548
853	pthread_attr_setschedparam .....	1497	pthread_create().....	1558
854	pthread_attr_setschedparam().....	1511	PTHREAD_CREATE_DETACHED.....	530, 1491
855	pthread_attr_setschedpolicy.....	1499	PTHREAD_CREATE_JOINABLE ..	530, 1491, 1574
856	pthread_attr_setschedpolicy() .....	1512	PTHREAD_DESTRUCTOR_ITERATIONS.....	
857	pthread_attr_setscope .....	1501	.....	1576, 1983
858	pthread_attr_setscope().....	1513	pthread_detach().....	1561
859	pthread_attr_setstack().....	1514	pthread_equal() .....	1563
860	pthread_attr_setstackaddr .....	1505	pthread_exit() .....	1564
861	pthread_attr_setstackaddr() .....	1515	PTHREAD_EXPLICIT_SCHED .....	1495
862	pthread_attr_setstacksize .....	1506	pthread_getconcurrency() .....	1566
863	pthread_attr_setstacksize().....	1516	pthread_getcpuclid() .....	1568

864	pthread_getschedparam()	1569	pthread_rwlockattr_init	1633
865	pthread_getspecific()	1571	pthread_rwlockattr_init()	1637
866	PTHREAD_INHERIT_SCHED	1495	pthread_rwlockattr_setpshared	1635
867	pthread_join()	1573	pthread_rwlockattr_setpshared()	1638
868	PTHREAD_KEYS_MAX	1576, 1983	pthread_rwlock_destroy()	1618
869	pthread_key_create()	1576	pthread_rwlock_init	1618
870	pthread_key_delete()	1580	pthread_rwlock_init()	1620
871	pthread_kill()	1582	pthread_rwlock_rdlock()	1621
872	pthread_mutexattr_destroy()	1598	pthread_rwlock_timedrdlock()	1623
873	pthread_mutexattr_getprioceiling()	1603	pthread_rwlock_timedwrlock()	1625
874	pthread_mutexattr_getprotocol()	1605	pthread_rwlock_tryrdlock	1621
875	pthread_mutexattr_getpshared()	1607	pthread_rwlock_tryrdlock()	1627
876	pthread_mutexattr_gettype()	1609	pthread_rwlock_trywrlock()	1628
877	pthread_mutexattr_init	1598	pthread_rwlock_unlock()	1630
878	pthread_mutexattr_init()	1611	pthread_rwlock_wrlock	1628
879	pthread_mutexattr_setprioceiling	1603	pthread_rwlock_wrlock()	1632
880	pthread_mutexattr_setprioceiling()	1612	PTHREAD_SCOPE_PROCESS	555, 1501
881	pthread_mutexattr_setprotocol	1605	PTHREAD_SCOPE_SYSTEM	555, 1501
882	pthread_mutexattr_setprotocol()	1613	pthread_self()	1639
883	pthread_mutexattr_setpshared	1607	pthread_setcancelstate()	1640
884	pthread_mutexattr_setpshared()	1614	pthread_setcanceltype	1640
885	pthread_mutexattr_settype	1609	pthread_setconcurrency	1566
886	pthread_mutexattr_settype()	1615	pthread_setconcurrency()	1642
887	PTHREAD_MUTEX_DEFAULT	1591, 1609	pthread_setschedparam	1569
888	pthread_mutex_destroy()	1583	pthread_setschedparam()	1643
889	PTHREAD_MUTEX_ERRORCHECK	1591, 1609	pthread_setspecific	1571
890	pthread_mutex_getprioceiling()	1588	pthread_setspecific()	1644
891	pthread_mutex_init	1583	pthread_sigmask()	1645
892	pthread_mutex_init()	1590	pthread_spin_destroy()	1647
893	PTHREAD_MUTEX_INITIALIZER	1583, 1590	pthread_spin_init	1647
894	pthread_mutex_lock()	1591	pthread_spin_init()	1649
895	PTHREAD_MUTEX_NORMAL	1591, 1609	pthread_spin_lock()	1650
896	PTHREAD_MUTEX_RECURSIVE	1591	pthread_spin_trylock	1650
897		1609-1610	pthread_spin_trylock()	1652
898	pthread_mutex_setprioceiling	1588	pthread_spin_unlock()	1653
899	pthread_mutex_setprioceiling()	1594	PTHREAD_STACK_MIN	1505-1506, 1983
900	pthread_mutex_timedlock()	1595	pthread_testcancel	1640
901	pthread_mutex_trylock	1591	pthread_testcancel()	1654
902	pthread_mutex_trylock()	1597	PTHREAD_THREADS_MAX	1558, 1983
903	pthread_mutex_unlock	1591, 1597	ptsname()	1655
904	pthread_once()	1616	putc()	1656
905	PTHREAD_ONCE_INIT	1616	putchar()	1658
906	PTHREAD_PRIO_INHERIT	1605	putchar_unlocked	985
907	PTHREAD_PRIO_NONE	1605	putchar_unlocked()	1659
908	PTHREAD_PRIO_PROTECT	1592, 1605	putc_unlocked	985
909	PTHREAD_PROCESS_PRIVATE	1524, 1553	putc_unlocked()	1657
910		1599, 1607, 1635, 1647	putenv()	1660
911	PTHREAD_PROCESS_SHARED	1524, 1553	putmsg()	1662
912		1599, 1607, 1635, 1647	putpmsg	1662
913	pthread_rwlockattr_destroy()	1633	puts()	1666
914	pthread_rwlockattr_getpshared()	1635	pututxline	781

## Index

915	pututxline()	1668	REG_BADPAT	1709
916	putwc()	1669	REG_BADRPT	1710
917	putwchar()	1670	REG_EBRACE	1709
918	pwrite	2163	REG_EBRACK	1709
919	pwrite()	1671	REG_ECOLLATE	1709
920	P_ALL	2104	REG_ECTYPE	1709
921	P_PGID	2104	REG_EESCAPE	1709
922	P_PID	2104	REG_EPAREN	1709
923	qsort()	1672	REG_ERANGE	1709
924	queue a signal to a process	1881	REG_ESPACE	1709
925	raise()	1673	REG_ESUBREG	1709
926	rand()	1675	REG_EXTENDED	1707
927	random	1123	REG_ICASE	1707
928	random()	1678	REG_NEWLINE	1707
929	RAND_MAX	1675	REG_NOMATCH	1709
930	rand_r	1675	REG_NOSUB	1707
931	read from a file	1683	REG_NOTBOL	1708
932	read()	1679	REG_NOTEOL	1708
933	readdir()	1687	remainder()	1715
934	readdir_r	1687	remove a directory	1732
935	readlink()	1691	remove directory entries	2073
936	readv	1679	remove()	1716
937	readv()	1694	remque	1125
938	real user ID	601, 1194	remque()	1718
939	realloc()	1695	remquo()	1719
940	realpath()	1697	rename a file	1723
941	REALTIME	607, 609-610, 612, 615-616	rename()	1721
942		618, 696-697, 831, 1212, 1283, 1285	rewind()	1725
943		1298-1299, 1301, 1303, 1306, 1309, 1311	rewinddir()	1726
944		1313-1315, 1336, 1389, 1397, 1400	RE_DUP_MAX	1983
945		1402-1404, 1407, 1409, 1411, 1413, 1417	rindex()	1728
946		1419-1423, 1425, 1568, 1740-1744, 1747	rint()	1729
947		1754-1757, 1759, 1762, 1764, 1766, 1768	RLIMIT_	516
948		1770, 1836, 1840, 1880, 1887, 1893, 2028	RLIMIT_AS	1062
949		2031-2032	RLIMIT_CORE	1061
950	REALTIME THREADS	1495, 1499, 1501, 1510	RLIMIT_CPU	1061
951		1512-1513, 1569, 1588, 1594, 1603, 1605	RLIMIT_DATA	1061
952		1612-1613, 1643	RLIMIT_FSIZE	1061
953	recv()	1699	RLIMIT_NOFILE	1061-1062
954	recvfrom()	1701	RLIMIT_STACK	1061
955	recvmsg()	1704	RLIM_	516
956	regcomp()	1707	RLIM_INFINITY	1061-1062
957	regerror	1707	RLIM_SAVED_CUR	1062
958	regexec	1707	RLIM_SAVED_MAX	1062
959	regfree	1707	rmdir()	1731
960	register fork handlers	1486	RMSGD	1131
961	REG_	516	RMSGN	1131
962	REG_constants		RNORM	1131
963	error return values of regcomp	1709	round robin	548
964	used in regcomp	1707	round()	1735
965	REG_BADBR	1709	routing	562

966	RPROTDAT .....	1131	seed48() .....	1751
967	RPROTDIS .....	1131	seekdir() .....	1752
968	RPROTNORM .....	1131	SEEK_CUR .....	824, 939, 1241
969	RS_HIPRI .....	1028, 1130, 1662	SEEK_END .....	824, 939, 1241
970	RTLD_GLOBAL .....	750, 754-755, 757	SEEK_GET .....	1725
971	RTLD_LAZY .....	754, 757	SEEK_SET .....	544, 612, 618, 824, 939, 1241
972	RTLD_LOCAL .....	755	SEGV .....	516
973	RTLD_NEXT .....	757-758	select() .....	1753
974	RTLD_NOW .....	754-755	SEM .....	504
975	RTS .....	504	semctl() .....	1771
976	RTSIG_MAX .....	1983	semget() .....	1774
977	RUSAGE .....	516	semid .....	541
978	RUSAGE_CHILDREN .....	1064	semop() .....	1777
979	RUSAGE_SELF .....	1064	SEM .....	514, 516
980	SA .....	516	sem_close() .....	1754
981	SA_NOCLDSTOP .....	530, 1852, 1856	sem_destroy() .....	1755
982	SA_NOCLDWAIT .....	801-802, 805, 1064, 1854, 2097	SEM_FAILED .....	1760
983	SA_NODEFER .....	1854	sem_getvalue() .....	1756
984	SA_ONSTACK .....	791, 799, 1853	sem_init() .....	1757
985	SA_RESETHAND .....	647, 1853-1854	SEM_NSEMS_MAX .....	1757, 1983
986	SA_RESTART .....	647, 1853, 1867	sem_open() .....	1759
987	SA_SIGINFO .....	1852-1853, 1856, 1880	sem_perm .....	541
988	scalb() .....	1736	sem_post() .....	1762
989	scalbln() .....	1737	sem_timedwait() .....	1764
990	scanf .....	932	sem_trywait() .....	1766
991	scanf() .....	1739	SEM_UNDO .....	1777
992	schedule alarm .....	621	sem_unlink() .....	1768
993	scheduling documentation .....	557	SEM_VALUE_MAX .....	1759, 1983
994	scheduling policy .....		.....	1757
995	round robin .....	548	sem_wait .....	1766
996	SCHED_ .....	514	sem_wait() .....	1770
997	SCHED_FIFO .....	544, 547, 556, 792, 887	send() .....	1782
998	.....	1048, 1344, 1497, 1499, 1569, 1603	sendmsg() .....	1784
999	.....	1621, 1745, 1762	sendto() .....	1787
1000	sched_getparam() .....	1741	service name .....	921
1001	sched_getscheduler() .....	1742	session .....	804, 1194, 1811, 1824
1002	sched_get_priority_max() .....	1740	set cancelability state .....	1640
1003	sched_get_priority_min .....	1740	set file creation mask .....	2063
1004	SCHED_OTHER .....	547, 550, 1499, 1569, 1745	set process group ID for job control .....	1811
1005	SCHED_RR .....	544, 547-548, 556, 792, 887, 1048	set-group-ID .....	686, 797, 803, 828
1006	.....	1344, 1497, 1499, 1569, 1621, 1745, 1762	set-user-ID .....	797, 803, 991, 1194
1007	sched_rr_get_interval() .....	1743	SETALL .....	1771, 1774
1008	sched_setparam() .....	1744	setbuf() .....	1790
1009	sched_setscheduler() .....	1747	setcontext .....	988
1010	SCHED_SPORADIC .....	544, 547-548, 1621	setcontext() .....	1791
1011	.....	1745, 1762	setgid() .....	1792
1012	sched_yield() .....	1750	setenv() .....	1793
1013	SCM .....	516	seteuid() .....	1795
1014	SD .....	504	setgid() .....	1796
1015	security considerations .....	689, 803, 1194, 1811, 1914	setpgid() .....	769
1016	seed48 .....	759	setpgrp() .....	1798

## Index

1017	sethostent .....	771	SHM_RDONLY .....	1842
1018	sethostent() .....	<b>1799</b>	SHM_RND .....	1842
1019	setitimer .....	1023	shm_unlink() .....	<b>1840</b>
1020	setitimer() .....	<b>1800</b>	should .....	497
1021	setjmp() .....	<b>1801</b>	shutdown() .....	<b>1850</b>
1022	setkey() .....	<b>1803</b>	SHUT_ .....	516
1023	setlocale() .....	<b>1805</b>	SIGABRT .....	595
1024	setlogmask .....	710	sigaction() .....	<b>1852</b>
1025	setlogmask() .....	<b>1809</b>	sigaddset() .....	<b>1859</b>
1026	setnetent .....	773	SIGALRM .....	621, 1023, 1898, 2059, 2078
1027	setnetent() .....	<b>1810</b>	sigaltstack() .....	<b>1860</b>
1028	setpgid() .....	<b>1811</b>	SIGBUS .....	1289, 1292, 1645
1029	setpgrp() .....	<b>1814</b>	SIGCANCEL .....	1528
1030	setpriority .....	1048	SIGCHLD .....	711, 801-802, 805, 1064, 1092
1031	setpriority() .....	<b>1815</b>	.....	1856, 1873, 1989, 2097, 2104
1032	setprotoent .....	775	SIGCLD .....	1856
1033	setprotoent() .....	<b>1816</b>	SIGCONT .....	534, 802, 804, 1193-1194
1034	setpwent .....	777	sigdelset() .....	<b>1862</b>
1035	setpwent() .....	<b>1817</b>	sigemptyset() .....	<b>1863</b>
1036	setregid() .....	<b>1818</b>	SIGEV_ .....	514
1037	setreuid() .....	<b>1820</b>	SIGEV_NONE .....	529, 544
1038	setrlimit .....	1061	SIGEV_SIGNAL .....	529, 2028
1039	setrlimit() .....	<b>1822</b>	SIGEV_THREAD .....	529-530
1040	setservent .....	779	sigfillset() .....	<b>1865</b>
1041	setservent() .....	<b>1823</b>	SIGFPE .....	1645, 1872
1042	setsid() .....	<b>1824</b>	sighold .....	1872
1043	setsockopt() .....	<b>1826</b>	sighold() .....	<b>1866</b>
1044	setstate .....	1123	SIGHUP .....	704, 801-802, 804
1045	setstate() .....	<b>1829</b>	sigignore .....	1866, 1872
1046	setuid() .....	<b>1830</b>	SIGILL .....	1645, 1872
1047	setutxent .....	781	SIGINT .....	889, 1989
1048	setutxent() .....	<b>1833</b>	siginterrupt() .....	<b>1867</b>
1049	SETVAL .....	1771, 1774	sigismember() .....	<b>1869</b>
1050	setvbuf() .....	<b>1834</b>	SIGKILL .....	1194, 1852, 1856, 1873
1051	shall .....	497	siglongjmp() .....	<b>1870</b>
1052	shell .....	796, 804, 1026, 1044, 1194, 1812, 2100	Signal Generation and Delivery .....	528
1053	job .....	<b>1194</b>	signal handler .....	1872
1054	login .....	1026	signal() .....	<b>1872</b>
1055	shell scripts		signaling a condition .....	1536
1056	exec .....	796	signals .....	528
1057	shell, login .....	796	signbit() .....	<b>1876</b>
1058	SHM .....	<b>504</b> , 516	sigpause .....	1872
1059	shmat() .....	<b>1842</b>	sigpause() .....	<b>1877</b>
1060	shmctl() .....	<b>1844</b>	sigpending() .....	<b>1878</b>
1061	shmdt() .....	<b>1846</b>	SIGPIPE .....	821, 853, 910, 914, 940, 1663, 2166
1062	shmget() .....	<b>1848</b>	SIGPOLL .....	704, 1129-1130
1063	shmid .....	541	sigprocmask .....	1645
1064	SHMLBA .....	1842	sigprocmask() .....	<b>1879</b>
1065	SHM_ .....	516	SIGPROF .....	1023
1066	shm_open() .....	<b>1836</b>	sigqueue() .....	<b>1880</b>
1067	shm_perm .....	541	SIGQUEUE_MAX .....	1880, 1983

1068	SIGQUIT	1989	socket receive queue	564
1069	sigrelse	1872	socket types	563
1070	sigrelse()	<b>1882</b>	socket()	<b>1901</b>
1071	SIGRTMAX	528, 530, 1880, 1887, 1891	socketpair()	<b>1903</b>
1072	SIGRTMIN	528, 530, 1880, 1887, 1891	sockets	562
1073	SIGSEGV	1062, 1333, 1493, 1645	addressing	562
1074	sigset	1872, 1882	asynchronous errors	565
1075	sigsetjmp()	<b>1883</b>	connection indication queue	565
1076	SIGSTKSZ	1860	IPv4	569
1077	SIGSTOP	528, 1852, 1873	IPv6	570
1078	)	1856	local UNIX connections	569
1079	sigsuspend()	<b>1885</b>	options	566
1080	sigtimedwait()	<b>1887</b>	pending error	564
1081	SIGTSTP	528	protocol families	562
1082	SIGTTIN	528, 857, 864, 1681	protocols	562
1083	SIGTTOU	528, 821, 853, 910, 914, 940	signals	565
1084		1998, 2000, 2002, 2009, 2012, 2166	SOCK_	516
1085	SIGURG	1130	SPI	<b>504</b>
1086	SIGVTALRM	1023	SPN	<b>505</b>
1087	sigwait()	<b>1891</b>	sporadic server policy	
1088	sigwaitinfo	1887	execution capacity	548
1089	sigwaitinfo()	<b>1893</b>	replenishment period	548
1090	SIGXCPU	1061	sprintf	898
1091	SIGXFSZ	1061, 2050, 2163	sprintf()	<b>1905</b>
1092	SIG_	514, 516	spurious wakeup	1536
1093	SIG_BLOCK	1645	sqrt()	<b>1906</b>
1094	SIG_DFL	530, 791, 1062, 1852, 1854, 1872-1873	srand	1675
1095	SIG_ERR	647, 1873	srand()	<b>1908</b>
1096	SIG_HOLD	1873	srand48	759
1097	SIG_IGN	530-531, 791, 797, 801-802	srand48()	<b>1909</b>
1098		1064, 1852, 1872, 2097	srandom	1123
1099	SIG_SETMASK	1645	random()	<b>1910</b>
1100	SIG_UNBLOCK	1645	SS	<b>505</b>
1101	sin()	<b>1894</b>	sscanf	932
1102	sinh()	<b>1896</b>	sscanf()	<b>1911</b>
1103	SIO	<b>504</b>	SSIZE_MAX	1322, 1679, 1691, 1933, 2164
1104	SI_	516	SSIZE_MAX	1306
1105	SI_ASYNCIO	532	SS_	516
1106	SI_MESGQ	532	SS_DISABLE	1860-1861
1107	SI_QUEUE	532	SS_ONSTACK	1860
1108	SI_TIMER	532	stack size	1488
1109	SI_USER	532	stat()	<b>1912</b>
1110	sleep()	<b>1898</b>	statvfs	947
1111	SND	516	statvfs()	<b>1916</b>
1112	SNDZERO	1133	stderr	1917
1113	snprintf	898, 1905	STDERR_FILENO	1917
1114	SO	516	stdin	<b>1917</b>
1115	socket I/O mode	563	STDIN_FILENO	1377, 1917
1116	socket out-of-band data	565	stdio locking functions	869
1117	socket owner	564	stdio with explicit client locking	985
1118	socket queue limits	564	stdout	1917

## Index

- 1119 `STDOUT_FILENO` .....1377, 1917
- 1120 `STR`.....516
- 1121 `strcasecmp()`.....**1919**
- 1122 `strcat()` .....**1920**
- 1123 `strchr()`.....**1921**
- 1124 `strcmp()`.....**1922**
- 1125 `strcoll()` .....**1924**
- 1126 `strcpy()`.....**1926**
- 1127 `strcspn()` .....**1928**
- 1128 `strdup()` .....**1929**
- 1129 `STREAM`.....1132, 1134, 1662, 1680, 2164
- 1130 `stream`
  - 1131 `byte-oriented`.....537
  - 1132 `wide-oriented`.....537
- 1133 `STREAM head/tail`.....**539**
- 1134 `STREAMS` .....491, 522
- 1135 `streams`.....535
- 1136 `STREAMS` .....704, 813, 832, 1028, 1128
- 1137 .....1143, 1352-1354, 1373
- 1138 `access`.....540
- 1139 `streams`
  - 1140 `interaction with file descriptors`.....535
- 1141 `STREAMS`
  - 1142 `multiplexed`.....1136
  - 1143 `overview`.....539
  - 1144 `streams`
    - 1145 `stream orientation`.....537
- 1146 `STREAM_MAX`.....835, 884, 1377, 1983
- 1147 `strerror()`.....**1930**
- 1148 `strfmon()`.....**1932**
- 1149 `strftime()`.....**1936**
- 1150 `strlen()` .....**1941**
- 1151 `strncasecmp`.....1919
- 1152 `strncasecmp()` .....**1943**
- 1153 `strncat()` .....**1944**
- 1154 `strncmp()` .....**1945**
- 1155 `strncpy()`.....**1946**
- 1156 `strpbrk()`.....**1947**
- 1157 `strptime()`.....**1948**
- 1158 `strrchr()` .....**1952**
- 1159 `strspn()`.....**1954**
- 1160 `strstr()`.....**1955**
- 1161 `strtod()`.....**1956**
- 1162 `strtoimax()`.....**1960**
- 1163 `strtok()`.....**1961**
- 1164 `strtok_r`.....1961
- 1165 `strtol()`.....**1964**
- 1166 `strtoul()` .....**1967**
- 1167 `strxfrm()`.....**1970**
- 1168 `ST_NOSUID`.....791, 799, 947
- 1169 `ST_RDONLY` .....947
- `superuser`.....601, 689, 1210, 2073
- `supplementary groups`.....689, 1011
- `SVID` .....1884
- `SVR4`.....1291, 1336
- `SV_`.....516
- `swab()`.....**1972**
- `swapcontext`.....1245
- `swapcontext()` .....**1974**
- `swprintf` .....966
- `swprintf()`.....**1975**
- `swscanf` .....975
- `swscanf()`.....**1976**
- `symbols`
  - `POSIX.1`.....512
- `symlink()`.....**1977**
- `SYMLINK_MAX` .....892, 1977
- `SYMLOOP_MAX`.....1983
- `sync()` .....**1979**
- `synchronously accept a signal`.....1888
- `sysconf()`.....**1980**
- `syslog` .....710
- `syslog()`.....**1988**
- `system crash` .....950
- `System III`.....689, 2065
- `system interfaces` .....585
- `system name`.....2065
- `System V`.....621, 689, 798, 804, 826-827
  - .....894, 1044, 1194, 1269, 1732, 1824, 1856
  - .....1884, 2004, 2065
- `system()`.....**1989**
- `S_`.....516
- `S_BANDURG` .....1130
- `S_ERROR`.....1129
- `S_HANGUP`.....1130
- `S_HIPRI`.....1129
- `S_IFBLK`.....1274
- `S_IFCHR`.....1274
- `S_IFDIR`.....1274
- `S_IFIFO` .....1274
- `S_IFREG`.....1274
- `S_INPUT`.....1129
- `S_IRGRP` .....817, 944, 1274
- `S_IROTH`.....817, 944, 1274
- `S_IRUSR`.....817, 944, 1274
- `S_IRWXG` .....1274
- `S_IRWXO` .....1274
- `S_IRWXU` .....1274
- `S_ISGID`.....684, 686, 1274, 2050, 2164
- `S_ISUID`.....684, 686, 1274, 2050, 2164
- `S_ISVTX`.....684, 1274, 1722, 1732, 2071
- `S_IWGRP` .....817, 944, 1274

1170	S_IWOTH	817, 944, 1274	thread ID	1563
1171	S_IWUSR	817, 944, 1274	thread IDs	554
1172	S_IXGRP	1274	thread mutexes	554
1173	S_IXOTH	1274	thread scheduling	555
1174	S_IXUSR	1274	thread termination	1564
1175	S_MSG	1129	thread-safety	553, 869
1176	S_OUTPUT	1129	thread-specific data key creation	1578
1177	S_RDBAND	1129-1130	thread-specific data key deletion	1580
1178	S_RDNORM	1129	thread-specific data management	1572
1179	S_WRBAND	1129	threads	553
1180	S_WRNORM	1129	regular file operations	561
1181	TABSIZE	649, 1239	time()	2025
1182	tan()	1994	timer ID	2030
1183	tanh()	1996	TIMER_	515-516
1184	tcdrain()	1998	TIMER_ABSTIME	551, 700, 2032
1185	tcflow()	2000	timer_create()	2028
1186	tcflush()	2002	timer_delete()	2031
1187	tcgetattr()	2004	timer_getoverrun()	2032
1188	tcgetpgrp()	2006	timer_gettime	2032
1189	tcgetsid()	2008	TIMER_MAX	1983
1190	TCIFLUSH	2002	timer_settime	2032
1191	TCIOFF	2000	times()	2035
1192	TCIOFLUSH	2002	timezone()	2038
1193	TCION	2000	TMO	505
1194	TCOFLUSH	2002	tmpfile()	2039
1195	TCOOFF	2000	tmpnam()	2041
1196	TCOON	2000	TMP_MAX	2021, 2041
1197	TCP_	516	TMR	505
1198	TCSADRAIN	2011	toascii()	2043
1199	TCSAFLUSH	2011	tolower()	2044
1200	TCSANOW	2011	TOSTOP	821, 853, 910, 914, 940, 2166
1201	tcsendbreak()	2009	toupper()	2045
1202	tcsetattr()	2011	towctrans()	2046
1203	tcsetpgrp()	2014	towlower()	2047
1204	TCT	505	toupper()	2048
1205	tdelete()	2016	TPI	505
1206	TEF	506	TPP	506
1207	telldir()	2020	TPS	506
1208	tempnam()	2021	TRAP_	516
1209	terminal access control	2004, 2012	TRC	506
1210	terminal device name	2054	TRI	506
1211	terminate a process	803	TRL	506
1212	terminology	497	trunc()	2049
1213	termios structure	2004	truncate()	2050
1214	tfind()	2023	TSA	506
1215	tgamma()	2024	tsearch()	2052
1216	THR	505	TSF	506
1217	thread cancelation		TSH	507
1218	cleanup handlers	560	TSP	507
1219	thread creation	1559	TSS	507
1220	thread creation attributes	1488	ttyname()	2053



## Index

1221	ttyname_r	2053	vsnprintf	2088, 2093
1222	TTY_NAME_MAX	1983, 2053	vsprintf	2088, 2093
1223	twalk()	2055	vswprintf	2091
1224	TYM	507	vswprintf()	2095
1225	tzname	2056-2057	vswscanf()	2096
1226	TZNAME_MAX	1983	vwprintf	2091, 2095
1227	tzset	2057	wait for process termination	2100
1228	tzset()	2057	wait for thread termination	1574
1229	t_uscalar_t	1131	wait()	2097
1230	ualarm()	2059	waitid()	2104
1231	UINT_MAX	621, 1899	waiting on a condition	1544
1232	ulimit()	2061	waitpid	2097
1233	ULONG_MAX	1968, 2139	waitpid()	2106
1234	UL_GETFSIZE	2061-2062	WARNING	879
1235	UL_SETFSIZE	2061	warning	
1236	umask()	2063	MAN	502
1237	UN	507	OB	503
1238	uname()	2065	OF	503
1239	undefined	497	UN	507
1240	underlying function	537	WCONTINUED	2097, 2104
1241	ungetc()	2067	wcrtomb()	2107
1242	ungetwc()	2069	wcscat()	2109
1243	unicast	570	wcschr()	2110
1244	UNIX extension	491	wcscmp()	2111
1245	unlink()	2071	wcscoll()	2112
1246	unlockpt()	2076	wcscpy()	2113
1247	unsetenv()	2077	wcscspn()	2114
1248	unspecified	498	wcsftime()	2115
1249	UP	507	wcslen()	2117
1250	US-ASCII	1142	wcsncat()	2118
1251	user ID		wcsncmp()	2119
1252	real and effective	1820	wcsncpy()	2120
1253	setting real and effective	1820	wcspbrk()	2121
1254	USER_PROCESS	781-782	wcsrchr()	2122
1255	usleep()	2078	wcsrtombs()	2123
1256	UTC	2057	wcsspn()	2125
1257	utime()	2080	wcsstr()	2126
1258	utimes()	2083	wcstod()	2127
1259	va_arg()	2085	wcstoimax()	2130
1260	va_end	2085	wcstok()	2131
1261	va_start	2085	wcstol()	2133
1262	Version 7	621, 689, 1194, 2065	wcstombs()	2136
1263	vfork()	2086	wcstoul()	2138
1264	vfprintf()	2088	wcswcs()	2141
1265	vfprintf()	2090	wcswidth()	2142
1266	vfwprintf()	2091	wcsxfrm()	2143
1267	vfwscanf()	2092	wctob()	2145
1268	VISIT	2055	wctomb()	2146
1269	vprintf	2088	wctrans()	2148
1270	vprintf()	2093	wctype()	2149
1271	vscanf()	2094	wcwidth()	2151

1272	WEOF .....	584, 1166, 1168, 1171, 1173
1273	.....	1175-1176, 1178, 1180, 1182, 1184
1274	.....	1186, 1188, 2047-2048, 2069
1275	WEXITED.....	2104
1276	WEXITSTATUS .....	2098
1277	wide-oriented stream.....	537
1278	WIFCONTINUED.....	2098
1279	WIFEXITED .....	2098
1280	WIFSIGNALED .....	2098
1281	WIFSTOPPED.....	2098, 2101
1282	wmemchr().....	<b>2152</b>
1283	wmemcmp().....	<b>2153</b>
1284	wmemcpy() .....	<b>2154</b>
1285	wmemmove() .....	<b>2155</b>
1286	wmemset() .....	<b>2156</b>
1287	WNOHANG.....	1856, 2097, 2104
1288	WNOWAIT.....	2104
1289	wordexp().....	<b>2157</b>
1290	wordfree .....	2157
1291	wprintf .....	966
1292	wprintf().....	<b>2162</b>
1293	WRDE_.....	516
1294	WRDE_APPEND.....	2158
1295	WRDE_BADCHAR.....	2159
1296	WRDE_BADVAL.....	2159
1297	WRDE_CMDSUB .....	2159
1298	WRDE_DOOFFS.....	2158
1299	WRDE_NOCMD .....	2158
1300	WRDE_NOSPACE .....	2159
1301	WRDE_REUSE.....	2158
1302	WRDE_SHOWERR.....	2158
1303	WRDE_SYNTAX .....	2159
1304	WRDE_UNDEF.....	2158
1305	write to a file.....	2168
1306	write() .....	<b>2163</b>
1307	writev .....	2163
1308	wscanf .....	975
1309	wscanf() .....	<b>2173</b>
1310	WSTOPPED .....	2104
1311	WSTOPSIG .....	2098
1312	WTERMSIG .....	2098
1313	WUNTRACED .....	2097, 2100
1314	XSI.....	<b>507</b>
1315	XSI interprocess communication .....	<b>541</b>
1316	XSR .....	<b>508</b>
1317	X_OK.....	601
1318	y0() .....	<b>2174</b>
1319	y1.....	2174
1320	yn .....	2174
1321	zombie process.....	801