COMPATIBILITY Notice

Release mac06-0.6

1. Header files in /usr/include

The following list describes compatibility (not officially tested and certified!) to the POSIX functions as described in "POSIX Programmer's Guide, Donald Lewine, O'Reilly&Associates, Inc., 1995.

header file	available in mac06-0.7	required by POSIX.1	required by STD-C
arpa/in.h	x	-	-
assert.h	-	-	x
ctype.h	x	-	x
dirent.h	x	x	-
errno.h	x	x	x
fcntl.h	x	x	-
float.h	-	-	x
grp.h	-	x	-
limits.h	x	x	x
locale.h	-	-	x
math.h	-	-	x
netdb.h	x	-	-
netinet/inet.h	x	-	-
pwd.h	-	x	-
setjmp.h	-	x	x
signal.h	x	x	x
stdarg.h	x	x	x
stddef.h	x	-	x
stdio.h	x	x	x
stdlib.h	x	x	x
string.h	x	-	x
sys/socket.h	x	-	-
sys/stat.h	x	x	-
sys/times.h	x	x	-
sys/types.h	x	x	-
sys/utsname.h	x	x	-
sys/wait.h	x	x	-
termios.h	x	x	-
time.h	x	x	x
unistd.h	x	x	-
utime.h	x	x	-

2) Functions and libraries

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
assert()	assert.h	-	-	x
isalnum()	ctype.h	libc.a	-	x
isalpha()	ctype.h	libc.a	-	x
iscntrl()	ctype.h	libc.a	-	x
isdigit()	ctype.h	libc.a	-	x
isgraph()	ctype.h	libc.a	-	x
islower()	ctype.h	libc.a	-	x
isprint()	ctype.h	libc.a	-	x
ispunct()	ctype.h	libc.a	-	x
isspace()	ctype.h	libc.a	-	x
isupper()	ctype.h	libc.a	-	x
isxdigit()	ctype.h	libc.a	-	x
tolower()	ctype.h	libc.a	-	x
toupper()	ctype.h	libc.a	-	x
closedir()	dirent.h	libc.a	x	-
opendir()	dirent.h	libc.a	x	-
readdir()	dirent.h	libc.a	x	-
rewinddir()	dirent.h	libc.a	x	-
creat()	fcntl.h	libc.a	x	-
fcntl()	fcntl.h	libc.a	x	-
open()	fcntl.h	libc.a	x	-
getgrid()	grp.h	-	x	-
getgrnam()	grp.h	-	x	-
setlocale()	locale.h	-	-	x
localeconv()	locale.h	-	-	x
acos()	math.h	-	-	x
asin()	math.h	-	-	x
atan2()	math.h	-	-	x
atan()	math.h	-	-	x
ceil()	math.h	-	-	x
cos()	math.h	-	-	x
cosh()	math.h	-	-	x
exp()	math.h	-	-	x
fabs()	math.h	-	-	x
floor()	math.h	-	-	x
fmod()	math.h	-	-	x
frexp()	math.h	-	-	x
ldexp()	math.h	-	-	x
log10()	math.h	-	-	x
log()	math.h	-	-	x

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
modf()	math.h	-	-	x
pow()	math.h	-	-	x
sin()	math.h	-	-	x
sinh()	math.h	-	-	x
sqrt()	math.h	-	-	x
tan()	math.h	-	-	x
tanh()	math.h	-	-	x
getpwnam()	pwd.h	-	x	-
getpwuid()	pwd.h	-	x	-
longjmp()	setjmp.h	-	-	x
setjmp()	setjmp.h	-	-	x
sigsetjmp()	setjmp.h	-	x	-
siglongjmp()	setjmp.h	-	x	-
raise()	signal.h	libc.a	-	x
signal()	signal.h	libc.a	-	x
kill()	signal.h	libc.a	x	x
sigaction()	signal.h	-	x	-
sigaddset()	signal.h	-	x	-
sigdelset()	signal.h	-	x	-
sigemptyset()	signal.h	-	x	-
sigfillset()	signal.h	-	x	-
sigismember()	signal.h	-	x	-
sigpending()	signal.h	-	x	-
sigprocmask()	signal.h	-	x	-
sigsuspend()	signal.h	-	x	-
clearerr()	stdio.h	libc.a	-	x
fclose()	stdio.h	libc.a	-	x
feof()	stdio.h	libc.a	-	x
ferror()	stdio.h	libc.a	-	x
fflush()	stdio.h	libc.a	-	x
fgetc()	stdio.h	libc.a	-	x
fgetpos()	stdio.h	libc.a	-	x
fgets()	stdio.h	libc.a	-	x
fopen()	stdio.h	libc.a	-	x
fprintf()	stdio.h	libc.a	-	x
fputc()	stdio.h	libc.a	-	x
fputs()	stdio.h	libc.a	-	x
fread()	stdio.h	libc.a	-	x
freopen()	stdio.h	libc.a	-	x
fscanf()	stdio.h	libc.a	-	x
fseek()	stdio.h	libc.a	-	x

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
fsetpos()	stdio.h	libc.a	-	x
ftell()	stdio.h	libc.a	-	x
fwrite()	stdio.h	libc.a	-	x
getc()	stdio.h	libc.a	-	x
getchar()	stdio.h	libc.a	-	x
gets()	stdio.h	libc.a	-	x
perror()	stdio.h	libc.a	-	x
printf()	stdio.h	libc.a	-	x
putc()	stdio.h	libc.a	-	x
putchar()	stdio.h	libc.a	-	x
puts()	stdio.h	libc.a	-	x
remove()	stdio.h	-	-	x
rename()	stdio.h	-	-	x
rewind()	stdio.h	libc.a	-	x
scanf()	stdio.h	libc.a	-	x
setbuf()	stdio.h	libc.a	-	x
setvbuf()	stdio.h	libc.a	-	x
sprintf()	stdio.h	libc.a	-	x
sscanf()	stdio.h	libc.a	-	x
tmpfile()	stdio.h	-	x	x
tmpnam()	stdio.h	-	-	x
ungetc()	stdio.h	libc.a	-	x
vfprintf()	stdio.h	libc.a	-	x
vprintf()	stdio.h	libc.a	-	x
vsprintf()	stdio.h	libc.a	-	x
fdopen()	stdio.h	libc.a	x	-
fdreopen()	stdio.h	libc.a	-	-
fileno()	stdio.h	libc.a	x	-
abort()	stdlib.h	-		
abs()	stdlib.h	libc.a	-	x
atexit()	stdlib.h	libc.a	-	x
atof()	stdlib.h	-	-	x
atoi()	stdlib.h	libc.a	-	x
atol()	stdlib.h	libc.a	-	x
bsearch()	stdlib.h	-	-	x
calloc()	stdlib.h	libc.a	-	x
div()	stdlib.h	libc.a	-	x
exit()	stdlib.h	libc.a	-	x
free()	stdlib.h	libc.a	-	x
getenv()	stdlib.h	libc.a	-	x
putenv()	stdlib.h	libc.a	-	-

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
labs()	stdlib.h	libc.a	-	x
ldiv()	stdlib.h	-	-	x
malloc()	stdlib.h	libc.a	-	x
mblen()	stdlib.h	-	-	x
mbstowc()	stdlib.h	-	-	x
qsort()	stdlib.h	-	-	x
rand()	stdlib.h	-	-	x
realloc()	stdlib.h	libc.a	-	x
srand()	stdlib.h	-	-	x
strtod()	stdlib.h	libc.a	-	x
strtol()	stdlib.h	libc.a	-	x
strtoul()	stdlib.h	libc.a	-	x
system()	stdlib.h	libc.a	-	x
wcstombs()	stdlib.h	-	-	x
wctomb()	stdlib.h	-	-	x
searchpath()	stdlib.h	libc.a	-	-
shellpattern()	string.h	libc.a	-	-
memchr()	string.h	libc.a	-	x
memcmp()	string.h	libc.a	-	x
memcpy()	string.h	libc.a	-	x
memmove()	string.h	libc.a	-	x
memset()	string.h	libc.a	-	x
strcat()	string.h	libc.a	-	x
strchr()	string.h	libc.a	-	x
strcmp()	string.h	libc.a	-	x
strcoll()	string.h	libc.a	-	x
strcpy()	string.h	libc.a	-	x
strcspn()	string.h	libc.a	-	x
strerror()	string.h	libc.a	-	x
strlen()	string.h	libc.a	-	x
strncat()	string.h	libc.a	-	x
strncmp()	string.h	libc.a	-	x
strncpy()	string.h	libc.a	-	x
strpbrk()	string.h	libc.a	-	x
strrchr()	string.h	libc.a	-	x
strspn()	string.h	libc.a	-	x
strstr()	string.h	libc.a	-	x
strtok()	string.h	libc.a	-	x
strxfrm()	string.h	libc.a	-	x
chmod()	sys/stat.h	-	x	-
fstat()	sys/stat.h	libc.a	x	-

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
mkdir()	sys/stat.h	-	x	-
mkfifo()	sys/stat.h	-	x	-
stat()	sys/stat.h	libc.a	x	-
umask()	sys/stat.h	-	x	-
times()	sys/times.h	libc.a	x	-
uname()	sys/utsname.h	libc.a	x	-
wait()	wait.h	libc.a	x	-
waitpid()	wait.h	libc.a	x	-
cfgetispeed()	termios.h	-	x	-
cfgetospeed()	termios.h	-	x	-
cfsetispeed()	termios.h	-	x	-
cfsetospeed()	termios.h	-	x	-
tcdrain()	termios.h	-	x	-
tcflow()	termios.h	-	x	-
tcflush()	termios.h	-	x	-
tcgetattr()	termios.h	-	x	-
tcsendbreak()	termios.h	-	x	-
tcsetattr()	termios.h	-	x	-
asctime()	time.h	libc.a	-	x
clock()	time.h	libc.a	-	x
ctime()	time.h	libc.a	-	x
difftime()	time.h	-	-	x
gmtime()	time.h	libc.a	x	x
getlocaltime()	time.h	libc.a	-	-
localtime()	time.h	libc.a	x	x
mktime()	time.h	libc.a	x	x
strftime()	time.h	libc.a	-	x
time()	time.h	libc.a	x	x
tzset()	time.h	-	x	-
_exit()	unistd.h	libc.a	x	-
access()	unistd.h	libc.a	x	-
alarm()	unistd.h	libc.a	x	-
chdir()	unistd.h	libc.a	x	-
chroot()	unistd.h	libc.a	-	-
dup2()	unistd.h	libc.a	x	-
dup()	unistd.h	libc.a	x	-
execl()	unistd.h	libc.a	x	-
execle()	unistd.h	libc.a	x	-
execlp()	unistd.h	libc.a	x	-
execv()	unistd.h	libc.a	x	-
execve()	unistd.h	libc.a	x	-

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
execvp()	unistd.h	libc.a	x	-
fork()	unistd.h	-	x	-
forkexec()	unistd.h	libc.a	-	-
fpathconf()	unistd.h	libc.a	x	-
getcwd()	unistd.h	libc.a	x	-
getegid()	unistd.h	-	x	-
geteuid()	unistd.h	-	x	-
getgid()	unistd.h	libc.a	x	-
getgroups()	unistd.h	-	x	-
getlogin()	unistd.h	-	x	-
getpgrp()	unistd.h	-	x	-
getpid()	unistd.h	libc.a	x	-
getppid()	unistd.h	libc.a	x	-
getuid()	unistd.h	libc.a	x	-
isatty()	unistd.h	-	x	-
link()	unistd.h	libc.a	x	-
slink()	unistd.h	libc.a	x	-
lseek()	unistd.h	libc.a	x	-
pathconf()	unistd.h	-	x	-
pause()	unistd.h	libc.a	x	-
pipe()	unistd.h	libc.a	x	-
read()	unistd.h	libc.a	x	-
rmdir()	unistd.h	libc.a	x	-
setgid()	unistd.h	libc.a	x	-
setpgid()	unistd.h	-	x	-
setuid()	unistd.h	libc.a	x	-
sleep()	unistd.h	libc.a	x	-
sysconf()	unistd.h	-	x	-
tcgetpgrp()	unistd.h	-	x	-
tcsetpgrp()	unistd.h	-	x	-
ttyname()	unistd.h	-	x	-
unlink()	unistd.h	libc.a	x	-
write()	unistd.h	libc.a	x	-
cuserid()	unistd.h	-	x	-
utime()	utime.h	libc.a	x	-
accept()	sys/sockets.h	libc.a	-	-
bind()	sys/sockets.h	libc.a	-	-
connect()	sys/sockets.h	libc.a	-	-
getsockname()	sys/sockets.h	libc.a	-	-
getpeername()	sys/sockets.h	libc.a	-	-
getsockopt()	sys/sockets.h	libc.a	-	-

function	header	mac06-0.7 library	required by POSIX.1	required by STD-C
setsockopt()	sys/sockets.h	libc.a	-	-
listen()	sys/sockets.h	libc.a	-	-
recv()	sys/sockets.h	libc.a	-	-
recvfrom()	sys/sockets.h	libc.a	-	-
send()	sys/sockets.h	libc.a	-	-
sendto()	sys/sockets.h	libc.a	-	-
socket()	sys/sockets.h	libc.a	-	-

2. Constants and data types

3. Extensions beyond POSIX and STD-C

function	header		description
fdrealloc(int fd, char *mode, FILE *f)	stdio.h		
forkexec()	unistd.h		
searchpath()	stdlib.h		
shellpattern()	string.h		
chroot(char *dir)	unistd.h		
symlink()	unistd.h		not yet
readlink()	unistd.h		not yet
char *inet_ntoa(unsigned long host);	arpa/inet.h	libnet.a	
unsigned long inet_aton(char *name);	arpa/inet.h	libnet.a	
struct hostent *gethostbyname(char *name);	netdb.h	libnet.a	
struct hostent *gethostbyaddr(char *addr, int len, int family);	netdb.h	libnet.a	
struct servent *getservbyname(char *name, char *proto);	netdb.h	libnet.a	
struct servent *getservbyport(short port, char *proto);	netdb.h	libnet.a	
struct protoent *getprotobyname(char *name, int family);	netdb.h	libnet.a	
struct protoent *getprotobynumber(short number, int family);	netdb.h	libnet.a	