

System call	Kernel	Notes
_llseek(2)	1.2	
_newselect(2)	2.0	
_sysctl(2)	2.0	
accept(2)	2.0	See notes on socketcall(2)
accept4(2)	2.6.28	
access(2)	1.0	
acct(2)	1.0	
add_key(2)	2.6.11	
adjtimex(2)	1.0	
alarm(2)	1.0	
alloc_hugepages(2)	2.5.36	Removed in 2.5.44
bdflush(2)	1.2	Deprecated (does nothing)
bind(2)	2.0	See notes on socketcall(2)
brk(2)	1.0	
cacheflush(2)	1.2	Not on x86
capget(2)	2.2	
capset(2)	2.2	
chdir(2)	1.0	
chmod(2)	1.0	
chown(2)	2.2	See chown(2) for
chown32(2)	2.4	
chroot(2)	1.0	
clock_adjtime(2)	2.6.39	
clock_getres(2)	2.6	
clock_gettime(2)	2.6	
clock_nanosleep(2)	2.6	
clock_settime(2)	2.6	
clone(2)	1.0	
close(2)	1.0	
connect(2)	2.0	See notes on socketcall(2)
creat(2)	1.0	
create_module(2)		Removed in 2.6
delete_module(2)	1.0	
dup(2)	1.0	
dup2(2)	1.0	
dup3(2)	2.6.27	
epoll_create(2)	2.6	
epoll_create1(2)	2.6.27	
epoll_ctl(2)	2.6	
epoll_pwait(2)	2.6.19	
epoll_wait(2)	2.6	
eventfd(2)	2.6.22	
eventfd2(2)	2.6.27	
execve(2)	1.0	
exit(2)	1.0	
exit_group(2)	2.6	
faccessat(2)	2.6.16	
fadvise64(2)	2.6	
fadvise64_64(2)	2.6	
fallocate(2)	2.6.23	
fanotify_init(2)	2.6.37	
fanotify_mark(2)	2.6.37	
fchdir(2)	1.0	
fchmod(2)	1.0	
fchmodat(2)	2.6.16	
fchown(2)	1.0	
fchown32(2)	2.4	
fchownat(2)	2.6.16	
fcntl(2)	1.0	
fcntl64(2)	2.4	
fdatasync(2)	2.0	
fgetxattr(2)	2.6; 2.4.18	
finit_module(2)	3.8	
flistxattr(2)	2.6; 2.4.18	
flock(2)	2.0	

fork(2)	1.0	
free_hugepages(2)	2.5.36	Removed in 2.5.44
fremovexattr(2)	2.6; 2.4.18	
fsetxattr(2)	2.6; 2.4.18	
fstat(2)	1.0	
fstat64(2)	2.4	
fstatat64(2)	2.6.16	
fstatfs(2)	1.0	
fstatfs64(2)	2.6	
fsync(2)	1.0	1.0
ftruncate(2)	1.0	
ftruncate64(2)	2.4	
futex(2)	2.6	
futimesat(2)	2.6.16	
get_kernel_syms(2)		Removed in 2.6
get_mempolicy(2)	2.6.6	
get_robust_list(2)	2.6.17	
get_thread_area(2)	2.6	
getcpu(2)	2.6.19	
getcwd(2)	2.2	
getdents(2)	2.0	
getdents64(2)	2.4	
getegid(2)	1.0	
getegid32(2)	2.4	
geteuid(2)	1.0	
geteuid32(2)	2.4	
getgid(2)	1.0	
getgid32(2)	2.4	
getgroups(2)	1.0	
getgroups32(2)	2.4	
getitimer(2)	1.0	
getpeername(2)	2.0	See notes on socketcall(2)
getpagesize(2)	2.0	Not on x86
getpgid(2)	1.0	
getpgrp(2)	1.0	
getpid(2)	1.0	
getppid(2)	1.0	
getpriority(2)	1.0	
getresgid(2)	2.2	
getresgid32(2)	2.4	
getresuid(2)	2.2	
getresuid32(2)	2.4	
getrlimit(2)	1.0	
getrusage(2)	1.0	
getsid(2)	2.0	
getsockname(2)	2.0	See notes on socketcall(2)
getsockopt(2)	2.0	See notes on socketcall(2)
gettid(2)	2.4.11	
gettimeofday(2)	1.0	
getuid(2)	1.0	
getuid32(2)	2.4	
getxattr(2)	2.6; 2.4.18	
init_module(2)	1.0	
inotify_add_watch(2)	2.6.13	
inotify_init(2)	2.6.13	
inotify_init1(2)	2.6.27	
inotify_rm_watch(2)	2.6.13	
io_cancel(2)	2.6	
io_destroy(2)	2.6	
io_getevents(2)	2.6	
io_setup(2)	2.6	
io_submit(2)	2.6	
ioctl(2)	1.0	
ioperm(2)	1.0	
iopl(2)	1.0	
ioprio_get(2)	2.6.13	
ioprio_set(2)	2.6.13	

ipc(2)	1.0	
kcmp(2)	3.5	
kern_features(2)	3.7	Sparc64
kexec_load(2)	2.6.13	
keyctl(2)	2.6.11	
kill(2)	1.0	
lchown(2)	1.0	See chown(2) for
lchown32(2)	2.4	
lgetxattr(2)	2.6; 2.4.18	
link(2)	1.0	
linkat(2)	2.6.16	
listen(2)	2.0	See notes on socketcall(2)
listxattr(2)	2.6; 2.4.18	
llistxattr(2)	2.6; 2.4.18	
lookup_dcookie(2)	2.6	
lremovexattr(2)	2.6; 2.4.18	
lseek(2)	1.0	
lsetxattr(2)	2.6; 2.4.18	
lstat(2)	1.0	
lstat64(2)	2.4	
madvise(2)	2.4	
madvisel(2)	2.4	
mbind(2)	2.6.6	
migrate_pages(2)	2.6.16	
mincore(2)	2.4	
mkdir(2)	1.0	
mkdirat(2)	2.6.16	
mknod(2)	1.0	
mknodat(2)	2.6.16	
mlock(2)	2.0	
mlockall(2)	2.0	
mmap(2)	1.0	
mmap2(2)	2.4	
modify_ldt(2)	1.0	
mount(2)	1.0	
move_pages(2)	2.6.18	
mprotect(2)	1.0	
mq_getsetattr(2)	2.6.6	
mq_notify(2)	2.6.6	
mq_open(2)	2.6.6	
mq_timedreceive(2)	2.6.6	
mq_timedsend(2)	2.6.6	
mq_unlink(2)	2.6.6	
mremap(2)	2.0	
msgctl(2)	2.0	See notes on ipc(2)
msgget(2)	2.0	See notes on ipc(2)
msgrcv(2)	2.0	See notes on ipc(2)
msgsnd(2)	2.0	See notes on ipc(2)
msync(2)	2.0	
munlock(2)	2.0	
munlockall(2)	2.0	
munmap(2)	1.0	
name_to_handle_at(2)	2.6.39	
nanosleep(2)	2.0	
nfsservctl(2)	2.2	Removed in 3.1
nice(2)	1.0	
oldfstat(2)	1.0	
oldlstat(2)	1.0	
oldolduname(2)	1.0	
oldstat(2)	1.0	
olduname(2)	1.0	
open(2)	1.0	
open_by_handle_at(2)	2.6.39	
openat(2)	2.6.16	
pause(2)	1.0	
pciconfig_iobase(2)	2.2.15; 2.4	Not on x86
pciconfig_read(2)	2.0.26; 2.2	Not on x86

pciconfig_write(2)	2.0.26; 2.2	Not on x86
perf_event_open(2)	2.6.31	Was called perf_counter_open()
personality(2)	1.2	
perfctr(2)	2.2	Sparc; removed in 2.6.34
perfmonctl(2)	2.4	ia64
pipe(2)	1.0	
pipe2(2)	2.6.27	
pivot_root(2)	2.4	
poll(2)	2.0.36; 2.2	
ppc_rtas(2)		PowerPC only
ppoll(2)	2.6.16	
prctl(2)	2.2	
pread64(2)		Added as "pread" in 2.2;
preadv(2)	2.6.30	
prlimit(2)	2.6.36	
process_vm_readv(2)	3.2	
process_vm_writev(2)	3.2	
pselect6(2)	2.6.16	
ptrace(2)	1.0	
pwrite64(2)		Added as "pwrite" in 2.2;
pwritev(2)	2.6.30	
query_module(2)	2.2	Removed in 2.6
quotactl(2)	1.0	
read(2)	1.0	
readahead(2)	2.4.13	
readdir(2)	1.0	
readlink(2)	1.0	
readlinkat(2)	2.6.16	
readv(2)	2.0	
reboot(2)	1.0	
recv(2)	2.0	See notes on socketcall(2)
recvfrom(2)	2.0	See notes on socketcall(2)
recvmsg(2)	2.0	See notes on socketcall(2)
recvmsg(2)	2.6.33	
remap_file_pages(2)	2.6	
removexattr(2)	2.6; 2.4.18	
rename(2)	1.0	
renameat(2)	2.6.16	
request_key(2)	2.6.11	
restart_syscall(2)	2.6	
rmdir(2)	1.0	
rt_sigaction(2)	2.2	
rt_sigpending(2)	2.2	
rt_sigprocmask(2)	2.2	
rt_sigqueueinfo(2)	2.2	
rt_sigreturn(2)	2.2	
rt_sigsuspend(2)	2.2	
rt_sigtimedwait(2)	2.2	
rt_tgsigqueueinfo(2)	2.6.31	
s390_runtime_instr(2)	3.7	s390 only
sched_get_priority_max(2)	2.0	
sched_get_priority_min(2)	2.0	
sched_getaffinity(2)	2.6	
sched_getparam(2)	2.0	
sched_getscheduler(2)	2.0	
sched_rr_get_interval(2)	2.0	
sched_setaffinity(2)	2.6	
sched_setparam(2)	2.0	
sched_setscheduler(2)	2.0	
sched_yield(2)	2.0	
select(2)	1.0	
semctl(2)	2.0	See notes on ipc(2)
semget(2)	2.0	See notes on ipc(2)
semop(2)	2.0	See notes on ipc(2)
semtimedop(2)	2.6; 2.4.22	
send(2)	2.0	See notes on socketcall(2)
sendfile(2)	2.2	

sendfile64(2)	2.6; 2.4.19	
sendmmsg(2)	3.0	
sendmsg(2)	2.0	See notes on socketcall(2)
sendto(2)	2.0	See notes on socketcall(2)
set_mempolicy(2)	2.6.6	
set_robust_list(2)	2.6.17	
set_thread_area(2)	2.6	
set_tid_address(2)	2.6	
setdomainname(2)	1.0	
setfsgid(2)	1.2	
setfsgid32(2)	2.4	
setfsuid(2)	1.2	
setfsuid32(2)	2.4	
setgid(2)	1.0	
setgid32(2)	2.4	
setgroups(2)	1.0	
setgroups32(2)	2.4	
sethostname(2)	1.0	
setitimer(2)	1.0	
setns(2)	3.0	
setpgid(2)	1.0	
setpriority(2)	1.0	
setregid(2)	1.0	
setregid32(2)	2.4	
setresgid(2)	2.2	
setresgid32(2)	2.4	
setresuid(2)	2.2	
setresuid32(2)	2.4	
setreuid(2)	1.0	
setreuid32(2)	2.4	
setrlimit(2)	1.0	
setsid(2)	1.0	
setsockopt(2)	2.0	See notes on socketcall(2)
settimeofday(2)	1.0	
setuid(2)	1.0	
setuid32(2)	2.4	
setup(2)		Removed in 2.2
setxattr(2)	2.6; 2.4.18	
sgetmask(2)	1.0	
shmat(2)	2.0	See notes on ipc(2)
shmctl(2)	2.0	See notes on ipc(2)
shmdt(2)	2.0	See notes on ipc(2)
shmget(2)	2.0	See notes on ipc(2)
shutdown(2)	2.0	See notes on socketcall(2)
sigaction(2)	1.0	
sigaltstack(2)	2.2	
signal(2)	1.0	
signalfd(2)	2.6.22	
signalfd4(2)	2.6.27	
sigpending(2)	1.0	
sigprocmask(2)	1.0	
sigreturn(2)	1.0	
sigsuspend(2)	1.0	
socket(2)	2.0	See notes on socketcall(2)
socketcall(2)	1.0	
socketpair(2)	2.0	See notes on socketcall(2)
splICE(2)	2.6.17	
spu_create(2)	2.6.16	PowerPC only
spu_run(2)	2.6.16	PowerPC only
ssetmask(2)	1.0	
stat(2)	1.0	
stat64(2)	2.4	
statfs(2)	1.0	
statfs64(2)	2.6	
stime(2)	1.0	
subpage_prot(2)	2.6.25	PowerPC if
swapoff(2)	1.0	

swapon(2)	1.0	
symlink(2)	1.0	
symlinkat(2)	2.6.16	
sync(2)	1.0	
sync_file_range(2)	2.6.17	
sync_file_range2(2)	2.6.22	Architecture-specific variant of sync_file_range(2)
syncfs(2)	2.6.39	
sysfs(2)	1.2	
sysinfo(2)	1.0	
syslog(2)	1.0	
tee(2)	2.6.17	
tgkill(2)	2.6	
time(2)	1.0	
timer_create(2)	2.6	
timer_delete(2)	2.6	
timer_getovertun(2)	2.6	
timer_gettime(2)	2.6	
timer_settime(2)	2.6	
timerfd_create(2)	2.6.25	
timerfd_gettime(2)	2.6.25	
timerfd_settime(2)	2.6.25	
times(2)	1.0	
tkill(2)	2.6; 2.4.22	
truncate(2)	1.0	
truncate64(2)	2.4	
ugetrlimit(2)	2.4	
umask(2)	1.0	
umount(2)	1.0	
umount2(2)	2.2	
uname(2)	1.0	
unlink(2)	1.0	
unlinkat(2)	2.6.16	
unshare(2)	2.6.16	
uselib(2)	1.0	
ustat(2)	1.0	
utime(2)	1.0	
utimensat(2)	2.6.22	
utimes(2)	2.2	
utrap_install(2)	2.2	Sparc
vfork(2)	2.2	
vhangup(2)	1.0	
vm86old(2)	1.0	Was "vm86"; renamed in 2.0.28/2.2
vm86(2)	2.0.28; 2.2	
vmsplice(2)	2.6.17	
wait4(2)	1.0	
waitid(2)	2.6.10	
waitpid(2)	1.0	
write(2)	1.0	
writew(2)	2.0	