RISC-V System call table

#	Call	Prototype
0	io_setup	asmlinkage long sys_io_setup(unsigned nr_reqs, aio_context_t __user *ctx);
1	io_destroy	asmlinkage long sys_io_destroy(aio_context_t ctx);
2	io_submit	asmlinkage long sys_io_submit(aio_context_t, long, struct iocb __user * __user *);
3	io_cancel	asmlinkage long sys_io_cancel(aio_context_t ctx_id, struct iocb __user *iocb, struct io_event __user *result);
4	io_getevents	asmlinkage long sys_io_getevents(aio_context_t ctx_id, long min_nr, long nr, struct io_event __user *events, struct __kernel_timespec __user *timeout);
5	setxattr	asmlinkage long sys_setxattr(const char __user *path, const char __user *name, const void __user *value, size_t size, int flags);
6	lsetxattr	asmlinkage long sys_lsetxattr(const char __user *path, const char __user *name, const void __user *value, size_t size, int flags);
7	fsetxattr	asmlinkage long sys_fsetxattr(int fd, const char __user *name, const void __user *value, size_t size, int flags);
8	getxattr	asmlinkage long sys_getxattr(const char __user *path, const char __user *name, void __user *value, size_t size);
9	lgetxattr	asmlinkage long sys_lgetxattr(const char __user *path, const char __user *name, void __user *value, size_t size);
10	fgetxattr	asmlinkage long sys_fgetxattr(int fd, const char __user *name, void __user *value, size_t size);
11	listxattr	asmlinkage long sys_listxattr(const char __user *path, char __user *list, size_t size);
12	llistxattr	asmlinkage long sys_llistxattr(const char __user *path, char __user *list, size_t size);
13	flistxattr	asmlinkage long sys_flistxattr(int fd, char __user *list, size_t size);
14	removexattr	asmlinkage long sys_removexattr(const char __user *path, const char __user *name);
15	lremovexattr	asmlinkage long sys_lremovexattr(const char __user *path, const char __user *name);
16	fremovexattr	asmlinkage long sys_fremovexattr(int fd, const char __user *name);
17	getcwd	asmlinkage long sys_getcwd(char __user *buf, unsigned long size);
18	lookup_dcookie	asmlinkage long sys_lookup_dcookie(u64 cookie64, char __user *buf, size_t len);
19	eventfd2	asmlinkage long sys_eventfd2(unsigned int count, int flags);
20	epoll_create1	asmlinkage long sys_epoll_create1(int flags);
21	epoll_ctl	asmlinkage long sys_epoll_ctl(int epfd, int op, int fd, struct epoll_event __user *event);
22	epoll_pwait	asmlinkage long sys_epoll_pwait(int epfd, struct epoll_event __user *events, int maxevents, int timeout, const sigset_t __user *sigmask, size_t sigsetsize);
23	dup	asmlinkage long sys_dup(unsigned int fildes);
24	dup3	asmlinkage long sys_dup3(unsigned int oldfd, unsigned int newfd, int flags);
25	fcntl64	asmlinkage long sys_fcntl64(unsigned int fd, unsigned int cmd, unsigned long arg);
26	inotify_init1	asmlinkage long sys_inotify_init1(int flags);
27	inotify_add_watch	asmlinkage long sys_inotify_add_watch(int fd, const char __user *path, u32 mask);
28	inotify_rm_watch	asmlinkage long sys_inotify_rm_watch(int fd, __s32 wd);
29	ioctl	asmlinkage long sys_ioctl(unsigned int fd, unsigned int cmd, unsigned long arg);
30	ioprio_set	asmlinkage long sys_ioprio_set(int which, int who, int ioprio);
31	ioprio_get	asmlinkage long sys_ioprio_get(int which, int who);
32	flock	asmlinkage long sys_flock(unsigned int fd, unsigned int cmd);
33	mknodat	asmlinkage long sys_mknodat(int dfd, const char __user * filename, umode_t mode, unsigned dev);
34	mkdirat	asmlinkage long sys_mkdirat(int dfd, const char __user * pathname, umode_t mode);
35	unlinkat	asmlinkage long sys_unlinkat(int dfd, const char __user * pathname, int flag);
36	symlinkat	asmlinkage long sys_symlinkat(const char __user * oldname, int newdfd, const char __user * newname);
37	linkat	asmlinkage long sys_unlinkat(int dfd, const char __user * pathname, int flag);
38	renameat	asmlinkage long sys_renameat(int olddfd, const char __user * oldname, int newdfd, const char __user * newname);
39	umount	asmlinkage long sys_umount(char __user *name, int flags);
40	mount	asmlinkage long sys_umount(char __user *name, int flags);
41	pivot_root	asmlinkage long sys_pivot_root(const char __user *new_root, const char __user *put_old);

#	Call	Prototype
42	ni_syscall	asmlinkage long sys_ni_syscall(void);
43	statfs64	asmlinkage long sys_statfs64(const char __user *path, size_t sz, struct statfs64 __user *buf);
44	fstatfs64	asmlinkage long sys_fstatfs64(unsigned int fd, size_t sz, struct statfs64 __user *buf);
45	truncate64	asmlinkage long sys_truncate64(const char __user *path, loff_t length);
46	ftruncate64	asmlinkage long sys_ftruncate64(unsigned int fd, loff_t length);
47	fallocate	asmlinkage long sys_fallocate(int fd, int mode, loff_t offset, loff_t len);
48	faccessat	asmlinkage long sys_faccessat(int dfd, const char __user *filename, int mode);
49	chdir	asmlinkage long sys_chdir(const char __user *filename);
50	fchdir	asmlinkage long sys_fchdir(unsigned int fd);
51	chroot	asmlinkage long sys_chroot(const char __user *filename);
52	fchmod	asmlinkage long sys_fchmod(unsigned int fd, umode_t mode);
53	fchmodat	asmlinkage long sys_fchmodat(int dfd, const char __user * filename, umode_t mode);
54	fchownat	asmlinkage long sys_fchownat(int dfd, const char __user *filename, uid_t user, gid_t group, int flag);
55	fchown	asmlinkage long sys_fchown(unsigned int fd, uid_t user, gid_t group);
56	openat	asmlinkage long sys_openat(int dfd, const char __user *filename, int flags, umode_t mode);
57	close	asmlinkage long sys_close(unsigned int fd);
58	vhangup	asmlinkage long sys_vhangup(void);
59	pipe2	asmlinkage long sys_pipe2(int __user *fildes, int flags);
60	quotactl	asmlinkage long sys_quotactl(unsigned int cmd, const char __user *special, qid_t id, void __user *addr);
61	getdents64	asmlinkage long sys_getdents64(unsigned int fd, struct linux_dirent64 __user *dirent, unsigned int count);
62	lseek	asmlinkage long sys_llseek(unsigned int fd, unsigned long offset_high, unsigned long offset_low, loff_t __user *result, unsigned int whence);
63	read	asmlinkage long sys_read(unsigned int fd, char __user *buf, size_t count);
64	write	asmlinkage long sys_write(unsigned int fd, const char __user *buf, size_t count);
65	readv	asmlinkage long sys_readv(unsigned long fd, const struct iovec __user *vec, unsigned long vlen);
66	writev	asmlinkage long sys_writev(unsigned long fd, const struct iovec __user *vec, unsigned long vlen);
67	pread64	asmlinkage long sys_pread64(unsigned int fd, char __user *buf, size_t count, loff_t pos);
68	pwrite64	asmlinkage long sys_pwrite64(unsigned int fd, const char __user *buf, size_t count, loff_t pos);
69	preadv	asmlinkage long sys_preadv(unsigned long fd, const struct iovec __user *vec, unsigned long vlen, unsigned long pos_l, unsigned long pos_h);
70	pwritev	asmlinkage long sys_pwritev(unsigned long fd, const struct iovec __user *vec, unsigned long vlen, unsigned long pos_l, unsigned long pos_h);
71	sendfile64	asmlinkage long sys_sendfile64(int out_fd, int in_fd, loff_t __user *offset, size_t count);
72	pselect6_time32	asmlinkage long sys_pselect6_time32(int, fd_set __user *, fd_set __user *, fd_set __user *, struct old_timespec32 __user *, void __user *);
73	ppoll_time32	asmlinkage long sys_ppoll_time32(struct pollfd __user *, unsigned int, struct old_timespec32 __user *, const sigset_t __user *, size_t);
74	signalfd4	asmlinkage long sys_signalfd4(int ufd, sigset_t __user *user_mask, size_t sizemask, int flags);
75	vmsplice	asmlinkage long sys_vmsplice(int fd, const struct iovec __user *iov, unsigned long nr_segs, unsigned int flags);
76	splice	asmlinkage long sys_vmsplice(int fd, const struct iovec __user *iov, unsigned long nr_segs, unsigned int flags);
77	tee	asmlinkage long sys_tee(int fdin, int fdout, size_t len, unsigned int flags);
78	readlinkat	asmlinkage long sys_readlinkat(int dfd, const char __user *path, char __user *buf, int bufsiz);
79	newfstatat	asmlinkage long sys_newfstatat(int dfd, const char __user *filename, struct stat __user *statbuf, int flag);
80	newfstat	asmlinkage long sys_newfstat(unsigned int fd, struct stat __user *statbuf);
81	sync	asmlinkage long sys_sync(void);
82	fsync	asmlinkage long sys_fsync(unsigned int fd);
83	fdatasync	asmlinkage long sys_fdatasync(unsigned int fd);
84	sync_file_range2	asmlinkage long sys_sync_file_range2(int fd, unsigned int flags, loff_t offset, loff_t nbytes);
84	sync_file_range	asmlinkage long sys_sync_file_range(int fd, loff_t offset, loff_t nbytes, unsigned int flags);
85	timerfd_create	asmlinkage long sys_timerfd_create(int clockid, int flags);

#	Call	Prototype
411	timerfd_settime	asmlinkage long sys_timerfd_settime(int ufd, int flags, const struct __kernel_itimerspec __user *utmr, struct __kernel_itimerspec __user *otmr);
410	timerfd_gettime	asmlinkage long sys_timerfd_gettime(int ufd, struct __kernel_itimerspec __user *otmr);
412	utimensat	asmlinkage long sys_utimensat(int dfd, const char __user *filename, struct __kernel_timespec __user *utimes, int flags);
89	acct	asmlinkage long sys_acct(const char __user *name);
90	capget	asmlinkage long sys_capget(cap_user_header_t header, cap_user_data_t dataptr);
91	capset	asmlinkage long sys_capset(cap_user_header_t header, const cap_user_data_t data);
92	personality	asmlinkage long sys_personality(unsigned int personality);
93	exit	asmlinkage long sys_exit(int error_code);
94	exit_group	asmlinkage long sys_exit_group(int error_code);
95	waitid	asmlinkage long sys_waitid(int which, pid_t pid, struct siginfo __user *infop, int options, struct rusage __user *ru);
96	set_tid_address	asmlinkage long sys_set_tid_address(int __user *tidptr);
97	unshare	asmlinkage long sys_unshare(unsigned long unshare_flags);
422	futex	asmlinkage long sys_futex(u32 __user *uaddr, int op, u32 val, struct __kernel_timespec __user *utime, u32 __user *uaddr2, u32 val3);
99	set_robust_list	asmlinkage long sys_set_robust_list(struct robust_list_head __user *head, size_t len);
100	get_robust_list	asmlinkage long sys_get_robust_list(int pid, struct robust_list_head __user * __user *head_ptr, size_t __user *len_ptr);
101	nanosleep	asmlinkage long sys_nanosleep(struct __kernel_timespec __user *rqtp, struct __kernel_timespec __user *rmtp);
102	getitimer	asmlinkage long sys_getitimer(int which, struct __kernel_old_itimerval __user *value);
103	setitimer	asmlinkage long sys_setitimer(int which, struct __kernel_old_itimerval __user *value, struct __kernel_old_itimerval __user *ovalue);
104	kexec_load	asmlinkage long sys_kexec_load(unsigned long entry, unsigned long nr_segments, struct kexec_segment __user *segments, unsigned long flags);
105	init_module	asmlinkage long sys_init_module(void __user *umod, unsigned long len, const char __user *uargs);
106	delete_module	asmlinkage long sys_delete_module(const char __user *name_user, unsigned int flags);
107	timer_create	asmlinkage long sys_timer_create(clockid_t which_clock, struct sigevent __user *timer_event_spec, timer_t __user * created_timer_id);
408	timer_gettime	asmlinkage long sys_timer_gettime(timer_t timer_id, struct __kernel_itimerspec __user *setting);
109	timer_getoverrun	asmlinkage long sys_timer_getoverrun(timer_t timer_id);
409	timer_settime	asmlinkage long sys_timer_settime(timer_t timer_id, int flags, const struct __kernel_itimerspec __user *new_setting, struct __kernel_itimerspec __user *old_setting);
111	timer_delete	asmlinkage long sys_timer_delete(timer_t timer_id);
404	clock_settime	asmlinkage long sys_clock_settime(clockid_t which_clock, const struct __kernel_timespec __user *tp);
403	clock_gettime	asmlinkage long sys_clock_gettime(clockid_t which_clock, struct __kernel_timespec __user *tp);
406	clock_getres	asmlinkage long sys_clock_getres(clockid_t which_clock, struct __kernel_timespec __user *tp);
407	clock_nanosleep	asmlinkage long sys_clock_nanosleep(clockid_t which_clock, int flags, const struct __kernel_timespec __user *rqtp, struct __kernel_timespec __user *rmtp);
116	syslog	asmlinkage long sys_syslog(int type, char __user *buf, int len);
117	ptrace	asmlinkage long sys_ptrace(long request, long pid, unsigned long addr, unsigned long data);
118	sched_setparam	asmlinkage long sys_sched_setparam(pid_t pid, struct sched_param __user *param);
119	sched_setscheduler	asmlinkage long sys_sched_setscheduler(pid_t pid, int policy, struct sched_param __user *param);
120	sched_getscheduler	asmlinkage long sys_sched_getscheduler(pid_t pid);
121	sched_getparam	asmlinkage long sys_sched_getparam(pid_t pid, struct sched_param __user *param);
122	sched_setaffinity	asmlinkage long sys_sched_setaffinity(pid_t pid, unsigned int len, unsigned long __user *user_mask_ptr);
123	sched_getaffinity	asmlinkage long sys_sched_getaffinity(pid_t pid, unsigned int len, unsigned long __user *user_mask_ptr);
124	sched_yield	asmlinkage long sys_sched_yield(void);
125	sched_get_priority_max	asmlinkage long sys_sched_get_priority_max(int policy);
126	sched_get_priority_min	asmlinkage long sys_sched_get_priority_min(int policy);
423	sched_rr_get_interval	asmlinkage long sys_sched_rr_get_interval(pid_t pid, struct __kernel_timespec __user *interval);
128	restart_syscall	asmlinkage long sys_restart_syscall(void);
129	kill	asmlinkage long sys_kill(pid_t pid, int sig);

#	Call	Prototype
130	tkill	asmlinkage long sys_tkill(pid_t pid, int sig);
131	tgkill	asmlinkage long sys_tgkill(pid_t tgid, pid_t pid, int sig);
132	sigaltstack	asmlinkage long sys_sigaltstack(const struct sigaltstack __user *uss, struct sigaltstack __user *uoss);
133	rt_sigsuspend	asmlinkage long sys_rt_sigsuspend(sigset_t __user *unewset, size_t sigsetsize);
134	rt_sigaction	asmlinkage long sys_rt_sigaction(int, const struct sigaction __user *, struct sigaction __user *, size_t);
135	rt_sigprocmask	asmlinkage long sys_rt_sigprocmask(int how, sigset_t __user *set, sigset_t __user *oset, size_t sigsetsize);
136	rt_sigpending	asmlinkage long sys_rt_sigpending(sigset_t __user *set, size_t sigsetsize);
137	rt_sigtimedwait_time32	asmlinkage long sys_rt_sigtimedwait_time32(const sigset_t __user *uthese, siginfo_t __user *uinfo, const struct old_timespec32 __user *uts, size_t sigsetsize);
138	rt_sigqueueinfo	asmlinkage long sys_rt_sigqueueinfo(pid_t pid, int sig, siginfo_t __user *uinfo);
140	setpriority	asmlinkage long sys_setpriority(int which, int who, int niceval);
141	getpriority	asmlinkage long sys_getpriority(int which, int who);
142	reboot	asmlinkage long sys_reboot(int magic1, int magic2, unsigned int cmd, void __user *arg);
143	setregid	asmlinkage long sys_setregid(gid_t rgid, gid_t egid);
144	setgid	asmlinkage long sys_setgid(gid_t gid);
145	setreuid	asmlinkage long sys_setreuid(uid_t ruid, uid_t euid);
146	setuid	asmlinkage long sys_setuid(uid_t uid);
147	setresuid	asmlinkage long sys_setresuid(uid_t ruid, uid_t euid, uid_t suid);
148	getresuid	asmlinkage long sys_getresuid(uid_t __user *ruid, uid_t __user *euid, uid_t __user *suid);
149	setresgid	asmlinkage long sys_setresgid(gid_t rgid, gid_t egid, gid_t sgid);
150	getresgid	asmlinkage long sys_getresgid(gid_t __user *rgid, gid_t __user *egid, gid_t __user *sgid);
151	setfsuid	asmlinkage long sys_setfsuid(uid_t uid);
152	setfsgid	asmlinkage long sys_setfsgid(gid_t gid);
153	times	asmlinkage long sys_times(struct tms __user *tbuf);
154	setpgid	asmlinkage long sys_setpgid(pid_t pid, pid_t pgid);
155	getpgid	asmlinkage long sys_getpgid(pid_t pid);
156	getsid	asmlinkage long sys_getsid(pid_t pid);
157	setsid	asmlinkage long sys_setsid(void);
158	getgroups	asmlinkage long sys_getgroups(int gidsetsize, gid_t __user *grouplist);
159	setgroups	asmlinkage long sys_setgroups(int gidsetsize, gid_t __user *grouplist);
160	newuname	asmlinkage long sys_newuname(struct new_utsname __user *name);
161	sethostname	asmlinkage long sys_sethostname(char __user *name, int len);
162	setdomainname	asmlinkage long sys_setdomainname(char __user *name, int len);
163	getrlimit	asmlinkage long sys_getrlimit(unsigned int resource, struct rlimit __user *rlim);
164	setrlimit	asmlinkage long sys_setrlimit(unsigned int resource, struct rlimit __user *rlim);
165	getrusage	asmlinkage long sys_getrusage(int who, struct rusage __user *ru);
166	umask	asmlinkage long sys_umask(int mask);
167	prctl	asmlinkage long sys_prctl(int option, unsigned long arg2, unsigned long arg3, unsigned long arg4, unsigned long arg5);
168	getcpu	asmlinkage long sys_getcpu(unsigned __user *cpu, unsigned __user *node, struct getcpu_cache __user *cache);
169	gettimeofday	asmlinkage long sys_gettimeofday(struct __kernel_old_timeval __user *tv, struct timezone __user *tz);
170	settimeofday	asmlinkage long sys_settimeofday(struct __kernel_old_timeval __user *tv, struct timezone __user *tz);
171	adjtimex	asmlinkage long sys_adjtimex(struct __kernel_timex __user *txc_p);
172	getpid	asmlinkage long sys_getpid(void);
173	getppid	asmlinkage long sys_getppid(void);
174	getuid	asmlinkage long sys_getuid(void);
175	geteuid	asmlinkage long sys_geteuid(void);
176	getgid	asmlinkage long sys_getgid(void);

#	Call	Prototype
177	getegid	asmlinkage long sys_getegid(void);
178	gettid	asmlinkage long sys_gettid(void);
179	sysinfo	asmlinkage long sys_sysinfo(struct sysinfo __user *info);
180	mq_open	asmlinkage long sys_mq_open(const char __user *name, int oflag, umode_t mode, struct mq_attr __user *attr);
181	mq_unlink	asmlinkage long sys_mq_unlink(const char __user *name);
418	mq_timedsend	asmlinkage long sys_mq_timedsend(mqd_t mqdes, const char __user *msg_ptr, size_t msg_len, unsigned int msg_prio, const struct __kernel_timespec __user *abs_timeout);
419	mq_timedreceive	asmlinkage long sys_mq_timedreceive(mqd_t mqdes, char __user *msg_ptr, size_t msg_len, unsigned int __user *msg_prio, const struct __kernel_timespec __user *abs_timeout);
184	mq_notify	asmlinkage long sys_mq_notify(mqd_t mqdes, const struct sigevent __user *notification);
185	mq_getsetattr	asmlinkage long sys_mq_getsetattr(mqd_t mqdes, const struct mq_attr __user *mqstat, struct mq_attr __user *omqstat);
186	msgget	asmlinkage long sys_msgget(key_t key, int msgflg);
187	msgctl	asmlinkage long sys_old_msgctl(int msqid, int cmd, struct msqid_ds __user *buf);
188	msgrcv	asmlinkage long sys_msgrcv(int msqid, struct msgbuf __user *msgp, size_t msgsz, long msgtyp, int msgflg);
189	msgsnd	asmlinkage long sys_msgsnd(int msqid, struct msgbuf __user *msgp, size_t msgsz, int msgflg);
190	semget	asmlinkage long sys_semget(key_t key, int nsems, int semflg);
191	semctl	asmlinkage long sys_semctl(int semid, int semnum, int cmd, unsigned long arg);
420	semtimedop	asmlinkage long sys_semtimedop(int semid, struct sembuf __user *sops, unsigned nsops, const struct __kernel_timespec __user *timeout);
193	semop	asmlinkage long sys_semop(int semid, struct sembuf __user *sops, unsigned nsops);
194	shmget	asmlinkage long sys_shmget(key_t key, size_t size, int flag);
195	shmctl	asmlinkage long sys_old_shmctl(int shmid, int cmd, struct shmid_ds __user *buf);
196	shmat	asmlinkage long sys_shmat(int shmid, char __user *shmaddr, int shmflg);
197	shmdt	asmlinkage long sys_shmdt(char __user *shmaddr);
198	socket	asmlinkage long sys_socket(int, int, int);
199	socketpair	asmlinkage long sys_socketpair(int, int, int, int __user *);
200	bind	asmlinkage long sys_bind(int, struct sockaddr __user *, int);
201	listen	asmlinkage long sys_listen(int, int);
202	accept	asmlinkage long sys_accept(int, struct sockaddr __user *, int __user *);
203	connect	asmlinkage long sys_connect(int, struct sockaddr __user *, int);
204	getsockname	asmlinkage long sys_getsockname(int, struct sockaddr __user *, int __user *);
205	getpeername	asmlinkage long sys_getpeername(int, struct sockaddr __user *, int __user *);
206	sendto	asmlinkage long sys_sendto(int, void __user *, size_t, unsigned, struct sockaddr __user *, int);
207	recvfrom	asmlinkage long sys_recvfrom(int, void __user *, size_t, unsigned, struct sockaddr __user *, int __user *);
208	setsockopt	asmlinkage long sys_setsockopt(int fd, int level, int optname, char __user *optval, int optlen);
209	getsockopt	asmlinkage long sys_getsockopt(int fd, int level, int optname, char __user *optval, int __user *optlen);
210	shutdown	asmlinkage long sys_shutdown(int, int);
211	sendmsg	asmlinkage long sys_sendmsg(int fd, struct user_msghdr __user *msg, unsigned flags);
212	recvmsg	asmlinkage long sys_recvmsg(int fd, struct user_msghdr __user *msg, unsigned flags);
213	readahead	asmlinkage long sys_readahead(int fd, loff_t offset, size_t count);
214	brk	asmlinkage long sys_brk(unsigned long brk);
215	munmap	asmlinkage long sys_munmap(unsigned long addr, size_t len);
216	mremap	asmlinkage long sys_mremap(unsigned long addr, unsigned long old_len, unsigned long new_len, unsigned long flags, unsigned long new_addr);
217	add_key	asmlinkage long sys_add_key(const char __user *_type, const char __user *_description, const void __user *_payload, size_t plen, key_serial_t destringid);
218	request_key	asmlinkage long sys_request_key(const char __user *_type, const char __user *_description, const char __user *_callout_info, key_serial_t destringid);
219	keyctl	asmlinkage long sys_keyctl(int cmd, unsigned long arg2, unsigned long arg3, unsigned long arg4, unsigned long arg5);
220	clone	asmlinkage long sys_clone(unsigned long, unsigned long, int __user *, unsigned long, int __user *);
221	execve	asmlinkage long sys_execve(const char __user *filename, const char __user *const __user *argv, const char __user *const __user *envp);

#	Call	Prototype
222	mmap	asmlinkage long sys_old_mmap(struct mmap_arg_struct __user *arg);
223	fadvise64_64	asmlinkage long sys_fadvise64_64(int fd, loff_t offset, loff_t len, int advice);
224	swapon	asmlinkage long sys_swapon(const char __user *specialfile, int swap_flags);
225	swapoff	asmlinkage long sys_swapoff(const char __user *specialfile);
226	mprotect	asmlinkage long sys_mprotect(unsigned long start, size_t len, unsigned long prot);
227	msync	asmlinkage long sys_msync(unsigned long start, size_t len, int flags);
228	mlock	asmlinkage long sys_mlock(unsigned long start, size_t len);
229	munlock	asmlinkage long sys_munlock(unsigned long start, size_t len);
230	mlockall	asmlinkage long sys_mlockall(int flags);
231	munlockall	asmlinkage long sys_munlockall(void);
232	mincore	asmlinkage long sys_mincore(unsigned long start, size_t len, unsigned char __user * vec);
233	madvise	asmlinkage long sys_madvise(unsigned long start, size_t len, int behavior);
234	remap_file_pages	asmlinkage long sys_remap_file_pages(unsigned long start, unsigned long size, unsigned long prot, unsigned long pgoff, unsigned long flags);
235	mbind	asmlinkage long sys_mbind(unsigned long start, unsigned long len, unsigned long mode, const unsigned long __user *nmask, unsigned long maxnode, unsigned flags);
236	get_mempolicy	asmlinkage long sys_get_mempolicy(int __user *policy, unsigned long __user *nmask, unsigned long maxnode, unsigned long addr, unsigned long flags);
237	set_mempolicy	asmlinkage long sys_set_mempolicy(int mode, const unsigned long __user *nmask, unsigned long maxnode);
238	migrate_pages	asmlinkage long sys_migrate_pages(pid_t pid, unsigned long maxnode, const unsigned long __user *from, const unsigned long __user *to);
239	move_pages	asmlinkage long sys_move_pages(pid_t pid, unsigned long nr_pages, const void __user * __user *pages, const int __user *nodes, int __user *status, int flags);
240	rt_tgsigqueueinfo	asmlinkage long sys_rt_tgsigqueueinfo(pid_t tgid, pid_t pid, int sig, siginfo_t __user *uinfo);
241	perf_event_open	asmlinkage long sys_perf_event_open(
242	accept4	asmlinkage long sys_accept4(int, struct sockaddr __user *, int __user *, int);
243	recvmmsg_time32	asmlinkage long sys_recvmmsg_time32(int fd, struct mmsghdr __user *msg, unsigned int vlen, unsigned flags, struct old_timespec32 __user *timeout);
260	wait4	asmlinkage long sys_wait4(pid_t pid, int __user *stat_addr, int options, struct rusage __user *ru);
261	prlimit64	asmlinkage long sys_prlimit64(pid_t pid, unsigned int resource, const struct rlimit64 __user *new_rlim, struct rlimit64 __user *old_rlim);
262	fanotify_init	asmlinkage long sys_fanotify_init(unsigned int flags, unsigned int event_f_flags);
263	fanotify_mark	asmlinkage long sys_fanotify_mark(int fanotify_fd, unsigned int flags, u64 mask, int fd, const char __user *pathname);
264	name_to_handle_at	asmlinkage long sys_name_to_handle_at(int dfd, const char __user *name, struct file_handle __user *handle, int __user *mnt_id, int flag);
265	open_by_handle_at	asmlinkage long sys_open_by_handle_at(int mountdirfd, struct file_handle __user *handle, int flags);
405	clock_adjtime	asmlinkage long sys_clock_adjtime(clockid_t which_clock, struct __kernel_timex __user *tx);
267	syncfs	asmlinkage long sys_syncfs(int fd);
268	setns	asmlinkage long sys_setns(int fd, int nstype);
269	sendmmsg	asmlinkage long sys_sendmmsg(int fd, struct mmsghdr __user *msg, unsigned int vlen, unsigned flags);
270	process_vm_readv	asmlinkage long sys_process_vm_readv(pid_t pid, const struct iovec __user *lvec, unsigned long liovcnt, const struct iovec __user *rvec, unsigned long riovcnt, unsigned long flags);
271	process_vm_writev	asmlinkage long sys_process_vm_writev(pid_t pid, const struct iovec __user *lvec, unsigned long liovcnt, const struct iovec __user *rvec, unsigned long riovcnt, unsigned long flags);
272	kcmp	asmlinkage long sys_kcmp(pid_t pid1, pid_t pid2, int type, unsigned long idx1, unsigned long idx2);
273	finit_module	asmlinkage long sys_finit_module(int fd, const char __user *uargs, int flags);
274	sched_setattr	asmlinkage long sys_sched_setattr(pid_t pid, struct sched_attr __user *attr, unsigned int flags);
275	sched_getattr	asmlinkage long sys_sched_getattr(pid_t pid, struct sched_attr __user *attr, unsigned int size, unsigned int flags);
276	renameat2	asmlinkage long sys_renameat2(int olddfd, const char __user *oldname, int newdfd, const char __user *newname, unsigned int flags);
277	seccomp	asmlinkage long sys_seccomp(unsigned int op, unsigned int flags, void __user *uargs);
278	getrandom	asmlinkage long sys_getrandom(char __user *buf, size_t count, unsigned int flags);
279	memfd_create	asmlinkage long sys_memfd_create(const char __user *uname_ptr, unsigned int flags);
280	bpf	asmlinkage long sys_bpf(int cmd, union bpf_attr *attr, unsigned int size);
281	execveat	asmlinkage long sys_execveat(int dfd, const char __user *filename, const char __user *const __user *argv, const char __user *const __user *envp, int flags);

#	Call	Prototype
282	userfaultfd	asmlinkage long sys_userfaultfd(int flags);
283	membarrier	asmlinkage long sys_membarrier(int cmd, unsigned int flags, int cpu_id);
284	mlock2	asmlinkage long sys_mlock2(unsigned long start, size_t len, int flags);
285	copy_file_range	asmlinkage long sys_copy_file_range(int fd_in, loff_t __user *off_in, int fd_out, loff_t __user *off_out, size_t len, unsigned int flags);
286	preadv2	asmlinkage long sys_preadv2(unsigned long fd, const struct iovec __user *vec, unsigned long vlen, unsigned long pos_l, unsigned long pos_h, rwf_t flags);
287	pwritev2	asmlinkage long sys_pwritev2(unsigned long fd, const struct iovec __user *vec, unsigned long vlen, unsigned long pos_l, unsigned long pos_h, rwf_t flags);
288	pkey_mprotect	asmlinkage long sys_pkey_mprotect(unsigned long start, size_t len, unsigned long prot, int pkey);
289	pkey_alloc	asmlinkage long sys_pkey_alloc(unsigned long flags, unsigned long init_val);
290	pkey_free	asmlinkage long sys_pkey_free(int pkey);
291	statx	asmlinkage long sys_statx(int dfd, const char __user *path, unsigned flags, unsigned mask, struct statx __user *buffer);
416	io_pgetevents	asmlinkage long sys_io_pgetevents(aio_context_t ctx_id, long min_nr, long nr, struct io_event __user *events, struct __kernel_timespec __user *timeout, const struct __aio_sigset *sig);
293	rseq	asmlinkage long sys_rseq(struct rseq __user *rseq, uint32_t rseq_len, int flags, uint32_t sig);
294	kexec_file_load	asmlinkage long sys_kexec_file_load(int kernel_fd, int initrd_fd, unsigned long cmdline_len, const char __user *cmdline_ptr, unsigned long flags);
424	pidfd_send_signal	asmlinkage long sys_pidfd_send_signal(int pidfd, int sig, siginfo_t __user *info, unsigned int flags);
425	io_uring_setup	asmlinkage long sys_io_uring_setup(u32 entries, struct io_uring_params __user *p);
426	io_uring_enter	asmlinkage long sys_io_uring_enter(unsigned int fd, u32 to_submit, u32 min_complete, u32 flags, const sigset_t __user *sig, size_t sigsz);
427	io_uring_register	asmlinkage long sys_io_uring_register(unsigned int fd, unsigned int op, void __user *arg, unsigned int nr_args);
428	open_tree	asmlinkage long sys_open_tree(int dfd, const char __user *path, unsigned flags);
429	move_mount	asmlinkage long sys_move_mount(int from_dfd, const char __user *from_path, int to_dfd, const char __user *to_path, unsigned int ms_flags);
430	fsopen	asmlinkage long sys_fsopen(const char __user *fs_name, unsigned int flags);
431	fsconfig	asmlinkage long sys_fsconfig(int fs_fd, unsigned int cmd, const char __user *key, const void __user *value, int aux);
432	fsmount	asmlinkage long sys_fsmount(int fs_fd, unsigned int flags, unsigned int ms_flags);
433	fspick	asmlinkage long sys_fspick(int dfd, const char __user *path, unsigned int flags);
434	pidfd_open	asmlinkage long sys_pidfd_open(pid_t pid, unsigned int flags);
435	clone3	asmlinkage long sys_clone3(struct clone_args __user *uargs, size_t size);
436	close_range	asmlinkage long sys_close_range(unsigned int fd, unsigned int max_fd, unsigned int flags);
437	openat2	asmlinkage long sys_openat2(int dfd, const char __user *filename, struct open_how *how, size_t size);
438	pidfd_getfd	asmlinkage long sys_pidfd_getfd(int pidfd, int fd, unsigned int flags);
439	faccessat2	asmlinkage long sys_faccessat2(int dfd, const char __user *filename, int mode, int flags);
440	process_madvise	asmlinkage long sys_process_madvise(int pidfd, const struct iovec __user *vec, size_t vlen, int behavior, unsigned int flags);