

# Linux 常用系统调用

## 1. 进程控制

fork clone execve vfork getpid getppid modify\_ldt;  
nanosleep nice pause ptrace;  
wait wait3 wait4 waitpid;  
getpgid getpgrp getpriority getsid;  
setpgid setpgrp setpriority setsid;

*wait4[wait wait3 wait4 waitpid] getppid mop[modify\_ldt  
nanosleep ptrace] face[fork alarm clone execve] get- &  
set-pg-rips[getpgrp getpgid getpriority getsid]  
等待得到 ID, 擦脸, 弄裂口*

## 2. 文件系统控制

fcntl;  
open close creat read write readv writev pread pwrite;  
lseek dup dup2 flock poll truncate fsync umask;  
access chdir chmod chown chroot stat statfs;  
readdir mkdir rmdir rename link unlink symlink;

*2cop[creat open] fcntl pv-rw [read write readv writev  
pread pwrite], ch-dorm[chdir chown chroot chmod],  
sulk[symlink unlink link kill] cram[chdir rmdir access  
mkdir]-dir spud[lseek poll umask dup] 两个警察控制 PV  
读写信号. 换宿舍. 生气的人猛吃 dir 牌的土豆.*

## 3. 系统控制

ioctl ioperm iopl;  
reboot sysinfo uname create\_module delete\_module  
init\_module query\_module;

*io-ctl-pup[ioperm uname iopl], reboot disc-  
module[delete\_module init\_module sysinfo  
create\_module]. IO 控制小狗, 重启唱片模块.*

## 4. 内存管理

brk msync mprotect sync;  
mlock mlockall mmap;  
munlock munlockall munmap;

*m-map & lock-all[mmap munmap mlock munlock  
mlockall munlockall] mobs[mprotect open brk sync]. m-  
map 锁住所有的暴徒*

## 5. 网络管理

getdomainname gethostid gethostname;  
setdomainname sethostid sethostname;

*get- & set domainname & hostid 获取和设置域名和主  
机 ID*

## 6. socket 控制

socketcall socket bind connect accept send recv listen  
select shutdown;  
socketpair;  
getsockname getperrname getsockopt setsockopt;

*setsockopt. select socket-pc[socketcall socketpair]  
cables[connect accept bind listen execve send] 选择  
socket-pc 型号的线缆.*

## 7. 用户管理

getuid getgid getegid geteuid;  
setuid setgid setegid seteuid;

*get- & set- huge[host u g]-eid 获取和设置大的 EID*

## 8. 进程间通信

ipc;  
sigaction sigprocmask sigpending sigsuspend signal kill;  
msgctl msgget msgsnd msgrcv;  
semctl semget semop;  
shmctl shmget shmat shmdt;

*kill spam[sigsuspend sigpending sigaction sigprocmask]  
signal; 杀掉垃圾信号.*

*msgctl rigs[msgrcv ipc msgget msgsnd] 消息控制诡计  
semctl log[link semop semget] 信号量控制日志  
shmctl gad[shmget shmat shmdt] pipe 共享内存控制的  
游荡管道*