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Linux Ubuntu 26.04 Manual Pages on command 'ipc.2'

\$ man ipc.2

ipc(2) System Calls Manual ipc(2)

NAME

ipc - System V IPC system calls

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <linux/ipc.h>       /* Definition of needed constants */
```

```
#include <sys/syscall.h>     /* Definition of SYS_* constants */
```

```
#include <unistd.h>
```

```
int syscall(SYS_ipc, unsigned int call, int first,  
             unsigned long second, unsigned long third, void *ptr,  
             long fifth);
```

Note: glibc provides no wrapper for ipc(), necessitating the use of syscall(2).

DESCRIPTION

ipc() is a common kernel entry point for the System V IPC calls for messages, semaphores, and shared memory. call determines which IPC function to invoke; the other arguments are passed through to the appropriate call.

User-space programs should call the appropriate functions by their usual names. Only standard library implementors and kernel hackers need to know about ipc().

VERSIONS

On some architectures ?for example x86-64 and ARM? there is no ipc() system call; instead, msgctl(2), semctl(2), shmctl(2), and so on really are implemented as separate system calls.

STANDARDS

Linux.

SEE ALSO

msgctl(2), msgget(2), msgrcv(2), msgsnd(2), semctl(2), semget(2), semop(2), semtimedop(2),
shmat(2), shmctl(2), shmdt(2), shmget(2), sysvipc(7)

Linux man-pages 6.17

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