

NAME

ipc – System V IPC system calls

SYNOPSIS

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

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()**.

CONFORMING TO

ipc() is Linux-specific, and should not be used in programs intended to be portable.

NOTES

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.

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\(2\)](#), [svipc\(7\)](#)

COLOPHON

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