

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 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\(2\)](#)

COLOPHON

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