



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ipc.2' command

\$ man ipc.2

IPC(2) Linux Programmer's Manual IPC(2)

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), se?

mop(2), semtimedop(2), shmat(2), shmctl(2), shmdt(2), shmget(2),
sysvipc(7)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A
description of the project, information about reporting bugs, and the
latest version of this page, can be found at
<https://www.kernel.org/doc/man-pages/>.

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