



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'ipc.2'***

**\$ 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), semop(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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