NAME

    ipcrm - remove the specified message queues, semaphore sets, and shared segments

SYNOPSIS

    ipcrm [**-W**] [**-v**] [**-q** *msqid*] [**-m** *shmid*] [**-s** *semid*] [**-Q** *msgkey*] [**-M** *shmkey*] [**-S** *semkey*] ...

DESCRIPTION

    The **ipcrm** utility removes the specified message queues, semaphores and shared memory segments. These System V IPC objects can be specified by their creation ID or any associated key.

    The following options are generic:

    -v   If specified once with -W or with -1 for an object, it will show all removed objects. If specified twice with -W or with -1 for an objects, it will show all removed objects and all failed removals.

    -W   Try to wipe all specified message queues, semaphores and shared memory segments.

    -y   Use the kvm(3) interface instead of the sysctl(3) interface to extract the required information. If **ipcrm** is to operate on the running system, using kvm(3) will require read privileges to */dev/kmem*.

    The following options are used to specify which IPC objects will be removed. Any number and combination of these options can be used:

    -q *msqid*

        Remove the message queue associated with the ID *msqid* from the system.

    -m *shmid*

        Mark the shared memory segment associated with ID *shmid* for removal. This marked segment will be destroyed after the last detach.

    -s *semid*

        Remove the semaphore set associated with ID *semid* from the system.

    -Q *msgkey*

        Remove the message queue associated with key *msgkey* from the system.

    -M *shmkey*

        Mark the shared memory segment associated with key *shmkey* for removal. This marked segment will be destroyed after the last detach.

-S *semkey*
        Remove the semaphore set associated with key *semkey* from the system.

The identifiers and keys associated with these System V IPC objects can be determined by using ipcs(1). If the identifier or the key is -1, it will remove all these objects.

SEE ALSO
  ipcs(1)

HISTORY
  The wiping of all System V IPC objects was first implemented in FreeBSD 6.4 and 7.1.

AUTHORS
  The original author was Adam Glass. The wiping of all System V IPC objects was thought up by
  Callum Gibson and extended and implemented by
  Edwin Groothuis.