ovs−ctl(8) Open vSwitch Manual ovs−ctl(8)

NAME
   ovs−kmod−ctl − OVS startup helper script for loading kernel modules

SYNOPSIS
   ovs−kmod−ctl insert
   ovs−kmod−ctl remove
   ovs−kmod−ctl help | −h | --help
   ovs−kmod−ctl --version
   ovs−kmod−ctl version

DESCRIPTION
   The ovs−kmod−ctl program is responsible for inserting and removing Open vSwitch kernel modules. It is
   not meant to be invoked directly by system administrators but to be called internally by system startup
   scripts. The script is used as part of an SELinux transition domain.

   Each of ovs−kmod−ctl’s commands is described separately below.

The “insert” command
   The insert command loads the Open vSwitch kernel modules, if needed. If this fails, and the Linux bridge
   module is loaded but no bridges exist, it tries to unload the bridge module and tries loading the Open
   vSwitch kernel module again.

The “remove” command
   The remove command unloads the Open vSwitch kernel module (including the bridge compatibility mod-
   ule, if loaded) and any associated vport modules.

EXIT STATUS
   ovs−kmod−ctl exits with status 0 on success and nonzero on failure. The insert command is considered to
   succeed if kernel modules are already loaded; the remove command is considered to succeed if none of the
   kernel modules are loaded.

ENVIRONMENT
   The following environment variables affect ovs−kmod−ctl:
   PATH   ovs−kmod−ctl does not hardcode the location of any of the programs that it runs. ovs−kmod−ctl
   will add the sbindir and bindir that were specified at configure time to PATH, if they are not al-
   ready present.
   OVS_LOGDIR
   OVS_RUNDIR
   OVS_DBDIR
   OVS_SYSCONFDIR
   OVS_PKGDATA
   OVS_BINDIR
   OVS_SBindIR
   Setting one of these variables in the environment overrides the respective configure option, both
   for ovs−kmod−ctl itself and for the other Open vSwitch programs that it runs.

FILES
   ovs−kmod−ctl uses the following files:
   ovs−lib  Shell function library used internally by ovs−kmod−ctl. It must be installed in the same directory
   as ovs−kmod−ctl.

EXAMPLE
   ovs−kmod−ctl isn’t intended to be manually executed. However, the following examples demonstrate
   loading the kernel modules.
   ovs−kmod−ctl insert
   Attempts to insert the Open vSwitch kernel modules.
ovs-kmod-ctl remove
Attempts to remove the Open vSwitch kernel modules.

SEE ALSO
README.rst, ovs-ctl(8)