

NAME

modinfo – Show information about a Linux Kernel module

SYNOPSIS

modinfo [**-0**] [**-F** *field*] [**-k** *kernel*] [*modulename*|*filename*...]

modinfo -V

modinfo -h

DESCRIPTION

modinfo extracts information from the Linux Kernel modules given on the command line. If the module name is not a filename, then the `/lib/modules/version` directory is searched, as is also done by **modprobe**(8) when loading kernel modules.

modinfo by default lists each attribute of the module in form *fieldname* : *value*, for easy reading. The filename is listed the same way (although it's not really an attribute).

This version of **modinfo** can understand modules of any Linux Kernel architecture.

OPTIONS

-V, --version

Print the modinfo version.

-F, --field

Only print this field value, one per line. This is most useful for scripts. Field names are case-insensitive. Common fields (which may not be in every module) include author, description, license, parm, depends, and alias. There are often multiple parm, alias and depends fields. The special field filename lists the filename of the module.

-b basedir, --basedir basedir

Root directory for modules, / by default.

-k kernel

Provide information about a kernel other than the running one. This is particularly useful for distributions needing to extract information from a newly installed (but not yet running) set of kernel modules. For example, you wish to find which firmware files are needed by various modules in a new kernel for which you must make an initrd/initramfs image prior to booting.

-0, --null

Use the ASCII zero character to separate field values, instead of a new line. This is useful for scripts, since a new line can theoretically appear inside a field.

-a --author, -d --description, -l --license, -p --parameters, -n --filename

These are shortcuts for the **--field** flag's author, description, license, parm and filename arguments, to ease the transition from the old modutils **modinfo**.

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SEE ALSO

modprobe(8)

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