NAME

autopush – configures lists of automatically pushed STREAMS modules

SYNOPSIS

autopush –**f** *filename*
autopush –**g** –**M** *major* –**m** *minor*
autopush –**r** –**M** *major* –**m** *minor*

AVAILABILITY

SUNWcsu

DESCRIPTION

This command is used to configure the list of modules to be automatically pushed onto the stream when a device is opened. It can also be used to remove a previous setting or get information on a setting.

OPTIONS

–**f** *filename*
Set up the **autopush** configuration for each driver according to the information stored in *filename*. An **autopush** file consists of lines of four or more fields, separated by spaces as shown below:

major minor last-minor module1 module2 . . . modulen

The first field is a string that specifies the *major* device name, as listed in the **/kernel/drv** directory. The next two fields are integers that specify the *minor* device number and *last-minor* device number. The fields following represent the names of modules. If *minor* is –1, then all minor devices of a major driver specified by *major* are configured, and the value for *last-minor* is ignored. If *last-minor* is 0, then only a single minor device is configured. To configure a range of minor devices for a particular major, *minor* must be less than *last-minor*.

The last fields of a line in the **autopush** file represent the list of module names. The maximum number of modules that can be automatically pushed on a stream is eight. The modules are pushed in the order they are specified. Comment lines start with a **#** sign.

–**g**
Get the current configuration setting of a particular *major* and *minor* device number specified with the –**M** and –**m** options respectively and displays the autopush modules associated with it. It will also return the starting minor device number if the request corresponds to a setting of a range (as described with the –**f** option).

–**M** *major*
Specifies the major device number.

–**m** *minor*
Specifies the minor device number.

–**r**
Remove the previous configuration setting of the particular *major* and *minor* device number specified with the –**M** and –**m** options respectively. If the values of *major* and *minor* correspond to a previously established setting of a range of minor devices, where *minor* matches the first minor device number in the range, the configuration would be removed for the entire range.

EXAMPLES

The following example gets the current configuration settings for the *major* and *minor* device numbers as indicated and displays the **autopush** modules associated with them for the character-special device **/dev/term/a:**

```
example# autopush −g −M 29 −m 0
Major   Minor   Lastminor   Modules
  29      0         1       ldterm ttcompat
```

FILES

/etc/iu.ap

SEE ALSO

bdconfig(1M), **ttymon**(1M), **ldterm**(7M), **sad**(7D), **streamio**(7I) **ttcompat**(7M)

STREAMS Programming Guide