NAME

getdev – lists devices based on criteria

SYNOPSIS

/usr/bin/getdev [**–ae**] [*criteria* ...] [*device* ...]

DESCRIPTION

getdev generates a list of devices that match certain criteria. The criteria includes a list of attributes (given in expressions) and a list of devices. If no criteria are given, all devices are included in the list.

Devices must satisfy at least one of the criteria in the list unless the **–a** option is used. Then, only those devices which match all of the criteria in a list will be included.

Devices which are defined on the command line and which match the criteria are included in the generated list. However, if the **–e** option is used, the list becomes a set of devices to be *excluded* from the list.

criteria defines the criteria that a device must match to be included in the generated list. Should be specified by giving expressions.

device defines the devices which should be included in the generated list. This can be the pathname of the device or the device alias.

Criteria Expression Types

There are four possible expression types which the criteria specified in the *criteria* argument may follow:

*attribute***=***value* Selects all devices whose attribute *attribute* is defined and is equal to *value*.

*attribute***!=***value* Selects all devices whose attribute *attribute* is defined and does not equal *value*.

*attribute***:*** Selects all devices which have the attribute *attribute* defined.

*attribute***!:*** Selects all devices which do not have the attribute *attribute* defined.

See the **putdev**(1M) manual page for a complete listing and description of available attributes.

OPTIONS

–a Specifies that a device must match all criteria to be included in the list generated by this command. The option has no effect if no criteria are defined.

–e Specifies that the list of devices which follows on the command line should be *excluded* from the list generated by this command. (Without the **–e** the named devices are *included* in the generated list.) The flag has no effect if no devices are defined.

ERRORS

The command will exit with one of the following values:

0 = Successful completion of the task.

1 = Command syntax incorrect, invalid option used, or internal error occurred.

2 = Device table could not be opened for reading.

FILES

/etc/device.tab

SEE ALSO

devattr(1M), **getdgrp**(1M), **putdev**(1M), **putdgrp**(1M)