NAME

dminfo – report information about a device entry in a device maps file

SYNOPSIS

dminfo [–**v**] [–**a**] [–**f** *pathname*]

dminfo [–**v**] [–**a**] [–**f** *pathname*] –**n** *dev–name* . . .

dminfo [–**v**] [–**a**] [–**f** *pathname*] –**d** *dev–path* . . .

dminfo [–**v**] [–**a**] [–**f** *pathname*] –**t** *dev–type* . . .

dminfo [–**v**] [–**f** *pathname*] –**u** *dm–entry*

AVAILABILITY

The functionality described in this man page is available only if the Basic Security Module (BSM) has been enabled. See **bsmconv**(1M) for more information.

DESCRIPTION

dminfo reports and updates information about the **device_maps**(4) file.

OPTIONS

–**v** Verbose. Print the requested entry or entries, one line per entry, on the standard output. If no entries are specified, all are printed.

–**a** Succeed if any of the requested entries are found. If used with –**v**, all entries that match the requested case(s) are printed.

–**f** *pathname* Use a device_maps file with *pathname* instead of **/etc/security/device_maps**.

–**n** *dev–name* Search by *dev–name*. Search **device_maps**(4) for a *device_name* field matching *dev–name*. This option cannot be used with –**d**, –**t** or –**u**.

–**d** *dev–path* Search by *dev–path*. Search **device_maps**(4) for a device special pathname in the *device_list* field matching the *dev–path* argument. This option cannot be used with –**n**, –**t** or –**u**.

–**t** *dev–type* Search by *dev–type*. Search **device_maps**(4) for a *device_type* field matching the given *dev–type*. This option cannot be used with –**d**, –**n** or –**u**.

–**u** *dm–entry* Update the **device_maps**(4) file. This option is provided to add entries to the **device_maps**(4) file. The *dm–entry* must be a complete **device_maps**(4) file entry. The *dm–entry* has fields, as in the **device_maps** file. It uses the colon (**:**) as a field separator, and white space as the *device_list* subfield separators. The *dm–entry* is not made if any fields are missing, or if the *dm–entry* would be a duplicate. The default device maps file can be updated only by the super user.

DIAGNOSTICS

dminfo returns an exit code of 0 if successful, 1 if the request failed, and 2 if the invocation syntax was incorrect.

FILES **/etc/security/device_maps**

SEE ALSO **bsmconv**(1M), **device_maps**(4)