NAME

prtvtoc – report information about a disk geometry and partitioning

SYNOPSIS

prtvtoc [**–fhs**] [**–t** *vfstab*] [**–m** *mnttab*] *device*

AVAILABILITY

SUNWcsu

DESCRIPTION

The **prtvtoc** command allows the contents of the VTOC (volume table of contents) to be viewed. The command can be used only by the super-user.

The *device* name can be the file name of a raw device in the form of **/dev/rdsk/c?t?d?s2** or can be the file name of a block device in the form of **/dev/dsk/c?t?d?s2**.

OPTIONS

The following options are supported:

–f Report on the disk free space, including the starting block address of the free space, number of blocks, and unused partitions.

–h Omit the headers from the normal output.

–s Omit all headers but the column header from the normal output.

–t *vfstab* Use *vfstab* as the list of filesystem defaults, in place of **/etc/vfstab**.

–m *mnttab* Use *mnttab* as the list of mounted filesystems, in place of **/etc/mnttab**.

EXAMPLES

The command line entry and system response shown below are for a 424-megabyte hard disk:

```
example# prtvtoc /dev/rdsk/c0t3d0s2
* /dev/rdsk/c0t3d0s2  partition map
*
* Dimension:
*     512 bytes/sector
*      80 sectors/track
*       9 tracks/cylinder
*     720 sectors/cylinder
*    2500 cylinders
*    1151 accessible cylinders
*
* Flags:
*   1: unmountable
*  10: read-only
*
```

```
*                                First    Sector   Last
* Partition    Tag    Flags      Sector   Count    Sector    Mount Directory
       0        2      00             0    76320    76319    /
       1        3      01         76320   132480   208799
       2        5      00             0   828720   828719
       5        6      00        208800   131760   340559    /opt
       6        4      00        340560   447120   787679    /usr
       7        8      00        787680    41040   828719    /export/home
example#
```

Codes for TAG are:

NAME	NUMBER
UNASSIGNED	0
BOOT	1
ROOT	2
SWAP	3
USR	4
BACKUP	5
VAR	7
HOME	8

FLAG indicates how the partition is to be mounted.

NAME	NUMBER
MOUNTABLE, READ AND WRITE	00
NOT MOUNTABLE	01
MOUNTABLE, READ ONLY	10

The following example shows output for the −**f** option for the same disk as above.

```
example# prtvtoc −f /dev/rdsk/c0t3d0s0
FREE_START=0 FREE_SIZE=0 FREE_COUNT=0 FREE_PART=4
example#
```

SEE ALSO

devinfo(1M), **fmthard**(1M), **format**(1M)

WARNINGS

The **mount** command does not check the "not mountable" bit.