NAME vold – Volume Management daemon to manage CD-ROM and floppy devices

SYNOPSIS **/usr/sbin/vold** [**–n**] [**–t**] [**–v**] [**–f** *config-file*] [**–l** *log-file*] [**–d** *root-dir*]
[**–L** *debug-level*]

AVAILABILITY SUNWvolu

DESCRIPTION The Volume Management daemon, **vold**, creates and maintains a file system image rooted at *root-dir* that contains symbolic names for floppies and CD-ROMs. The default *root-dir* is set to **/vol** if no directory is specified by the **–d** option.

vold reads the **/etc/vold.conf** configuration file upon startup. If the configuration file is modified later, **vold** must be told to reread the **/etc/vold.conf** file. Do this by entering

example# kill -HUP vold_pid

OPTIONS The following options are supported:

–n	Never writeback. Volume Management updates media labels with unique information if labels are not unique. This flag keeps Volume Management from changing your media. The default setting is FALSE.
–t	Dump NFS trace information to the log file. The default setting is FALSE.
–v	Provide lots of status information to the log file. The default setting is FALSE (do not provide status info to log file).
–d *root-dir*	Specify an alternate root directory. The default location is **/vol**. Setting this will also cause other Volume Management utilities to use this as the default root directory.
–f *config-file*	Specify an alternate configuration file. The default file is **/etc/vold.conf**.
–l *log-file*	Specify an alternate log file. The default log file is **/var/adm/vold.log**.
–L *debug-level*	Change the level (verbosity) of debug messages sent to the log file. The range is **0** to **99** where **0** is nothing and **99** is everything. The default level is **0**.

ENVIRONMENT **vold** sets the following environment variables to aid programs which are called when events such as **insert**, **notify**, and **eject** occur:

VOLUME_ACTION	Event that caused this program to be executed.
VOLUME_PATH	Pathname of the matched *regex* from the **vold.conf** file.
VOLUME_DEVICE	Device (in **/vol/dev**) that applies to the media.
VOLUME_NAME	Name of the volume in question.
VOLUME_USER	User ID of the user causing the event to occur.
VOLUME_SYMNAME	Symbolic name of a device containing the volume.
VOLUME_MEDIATYPE	Name of the type of media (CD-ROM or floppy)

FILES

/etc/vold.conf	Volume Management daemon configuration file. Directs the Volume Management daemon to control certain devices, and causes events to occur when specific criteria are met.
/usr/lib/vold/*.so.1	Shared objects called by Volume Management daemon when certain actions occur.
/var/adm/vold.log	the default log file location (see the **–l** option for a description).
/vol	the default Volume Management root directory.

SEE ALSO

volcancel(1), **volcheck**(1), **volmissing**(1) **rmmount**(1M), **rmmount.conf**(4), **vold.conf**(4), **volfs**(7FS),

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