

NAME

hmount – introduce a new HFS volume and make it current

SYNOPSIS

hmount *source-path* [*partition-no*]

DESCRIPTION

hmount is used to introduce a new HFS volume. A UNIX pathname to the volume's source must be specified. The source may be a block device or a regular file containing an HFS volume image.

If the source medium is partitioned, one partition must be selected to be mounted. If there is only one HFS partition on the medium, it will be selected by default. Otherwise, the desired partition number must be specified (as the ordinal *n*th HFS partition) on the command-line. Partition number **0** can be specified to refer to the entire medium, ignoring what might otherwise be perceived as a partition map, although in practice this is probably only useful if you want this command to fail when the medium is partitioned.

The mounted volume becomes "current" so subsequent commands will refer to it. The current working directory for the volume is set to the root of the volume. This information is kept in a file named *.hcwd* in the user's home directory.

If the source medium is changed (e.g. floppy or CD-ROM disc exchanged) after **hmount** has been called, subsequent HFS commands will fail until the original medium is replaced or a different volume is made current. To use the same source path with the different medium, reissue the **hmount** command.

EXAMPLES

% hmount /dev/fd0

If a Macintosh floppy disk is available as **/dev/fd0**, this command makes the floppy current for other HFS commands such as **hls(1)**, **hcd(1)**, **hcopy(1)**, etc.

% hmount /dev/sd2 1

If a SCSI disk is available as **/dev/sd2**, this command finds the first HFS partition on the medium and makes it available for other HFS operations.

NOTES

hmount does not actually mount an HFS partition over a UNIX directory in the traditional **mount(8)** sense. It is merely a "virtual" mount, as a point of convenience for future HFS operations. Each HFS command independently opens, operates on, and closes the named source path given to **hmount**.

SEE ALSO

hfsutils(1), **hformat(1)**, **humount(1)**, **hvol(1)**

FILES

\$HOME/.hcwd

AUTHOR

Robert Leslie <rob@mars.org>