NAME

mount_hsfs – mount hsfs file systems

SYNOPSIS

mount –**F hsfs** [*generic_options*] [–**o** *FSType-specific_options*] [–**O**]
special | *mount_point*
mount –**F hsfs** [*generic_options*] [–**o** *FSType-specific_options*] [–**O**]
special mount_point

DESCRIPTION

mount attaches a High Sierra file system (**hsfs**) to the file system hierarchy at the *mount_point*, which is the pathname of a directory. If *mount_point* has any contents prior to the **mount** operation, these are hidden until the file system is unmounted.

If **mount** is invoked with *special* or *mount_point* as the only arguments, **mount** will search **/etc/vfstab** to fill in the missing arguments, including the *FSType-specific_options*; see **mount**(1M) for more details.

If the file system being mounted contains Rock Ridge extensions, by default they will be used, enabling support of features not normally available under High Sierra file systems such as symbolic links, and special files.

OPTIONS

generic_options
See **mount**(1M) for the list of supported options.

–**o**
Specify **hsfs** file system specific options. If invalid options are specified, a warning message is printed and the invalid options are ignored. The following options are available:

ro
Mount the file system read-only. This option is required.

nrr
''no Rock Ridge'': if Rock Ridge extensions are present in the file system, ignore them; interpret it as a regular High Sierra file system.

notraildot
File names on High Sierra file systems consist of a proper name and an extension separated by a '.' (dot) character. By default, the separating dot is always considered part of the file's name for all file access operations, even if there is no extension present. Specifying **notraildot** makes it optional to specify the trailing dot to access a file whose name lacks an extension.

Exceptions:
This option is effective only on file systems for which Rock Ridge extensions are not active, either because they are not present on the CD-ROM, or they are explicitly ignored via the **nrr** option. If Rock Ridge extensions are active, **hsfs** quietly ignores this option.

nomaplcase
File names on High Sierra cdroms with no Rock Ridge extensions present should be uppercase characters only. By default, **hsfs** maps file names read from a non-Rock Ridge disk to all lowercase characters. **nomaplcase** turns off this mapping. The exceptions for

notraildot discused above apply to **nomaplcase**.

nosuid By default the file system is mounted with setuid execution allowed. Specifying **nosuid** causes the file system to be mounted with setuid execution disallowed.

–O Overlay mount. Allow the file system to be mounted over an existing mount point, making the underlying file system inaccessible. If a mount is attempted on a pre-existing mount point without setting this flag, the mount will fail, producing the error "device busy".

FILES

/etc/mnttab	table of mounted file systems
/etc/vfstab	list of default parameters for each file system

SEE ALSO

mount(1M), **mountall**(1M), **mount**(2), **mnttab**(4), **vfstab**(4)

NOTES

If the directory on which a file system is to be mounted is a symbolic link, the file system is mounted on the directory to which the symbolic link refers, rather than on top of the symbolic link itself.