NAME

    fsck_msdosfs - DOS/Windows (FAT) file system consistency checker

SYNOPSIS

    fsck_msdosfs -p [**-Cf**] *filesystem ...*
    fsck_msdosfs [**-CMny**] *filesystem ...*

DESCRIPTION

    The **fsck_msdosfs** utility verifies and repairs FAT file systems (more commonly known as DOS file systems).

    The first form of **fsck_msdosfs** preens the specified file systems. It is normally started by fsck(8) run from */etc/rc* during automatic reboot, when a FAT file system is detected. When preening file systems, **fsck_msdosfs** will fix common inconsistencies non-interactively. If more serious problems are found, **fsck_msdosfs** does not try to fix them, indicates that it was not successful, and exits.

    The second form of **fsck_msdosfs** checks the specified file systems and tries to repair all detected inconsistencies, requesting confirmation before making any changes.

    The options are as follows:

    -C   Compatibility with the corresponding fsck(8) option (skip check if clean), defined to no-op.

    -F   Compatibility with the wrapper fsck(8) which seeks to determine whether the file system needs to be cleaned immediately in foreground, or if its cleaning can be deferred to background. FAT (MS-DOS) file systems must always be cleaned in the foreground. A non-zero exit code is always returned for this option.

    -M   Causes **fsck_msdosfs** to not use mmap(2) when checking a FAT32 file system. This option is mainly for debugging purposes and is not normally necessary. The **fsck_msdosfs** utility will automatically fall back to use a simple LRU cache of 4 MiB when it failed to perform mmap(2), or when **-M** is specified.

    -f   Force **fsck_msdosfs** to check "clean" file systems when preening.

    -n   Causes **fsck_msdosfs** to assume "no" as the answer to all operator questions, except "CONTINUE?".

    -p   Preen the specified file systems.

-y   Causes **fsck_msdosfs** to assume "yes" as the answer to all operator questions.

SEE ALSO

fsck(8), fsck_ffs(8), mount_msdosfs(8)

HISTORY

The **fsck_msdosfs** utility appeared in NetBSD 1.2. **fsck_msdosfs** first appeared in FreeBSD 4.4.

BUGS

The **fsck_msdosfs** utility is currently under development.