

NAME

df – report disk free space

SYNOPSIS

df [**-uqs**] [**-t**number] [arg ...]

DESCRIPTION

Df prints the number of free blocks on a file system. If no *args* are specified, the free counts of all the mounted file systems are printed.

The **-u** flag prints the total block size, number of blocks allocated for system information, number of free blocks, number of blocks used and the number of free inodes.

The **-q** flag determines and prints the number of free blocks on a file system by extracting the free count directly from the file system's superblock.

The **-s** flag is a silent option which prohibits printing of any results. Error messages and exit status are not effected.

The **-t** flag followed by a decimal *number* (5 digit maximum) is compared with the number of free blocks. The result of the comparison returns the file system's major and minor device numbers and a single character either **Y** or **N**, to indicate if the number of free blocks is greater or less than the requested *number*, respectively (e.g., *df -t 1000 /u8* returns "0 12 Y"). An exit status of 0 is returned for **Y** and 1 for **N**.

The *arg* can be specified as either the root name of the **mounted** file system, e.g., *"/u8"* or the name of the special file corresponding to the particular device (must refer to a disk), e.g., *"/dev/rp14"*.

FILES

/dev/rf?, */dev/rk?*, */dev/rp?*, */etc/mnttab*

SEE ALSO

icheck(VIII)