NAME

fsadm — utility to resize or check filesystem on a device

SYNOPSIS

fsadm [*options*] **check** *device*
fsadm [*options*] **resize** *device* [*new_size*]

DESCRIPTION

fsadm utility checks or resizes the filesystem on a device. It tries to use the same API for **ext2**, **ext3**, **ext4**, **ReiserFS** and **XFS** filesystem.

OPTIONS

−e|−−ext−offline
Unmount ext2/ext3/ext4 filesystem before doing resize.

−f|−−force
Bypass some sanity checks.

−h|−−help
Display the help text.

−n|−−dry−run
Print commands without running them.

−v|−−verbose
Be more verbose.

−y|−−yes
Answer "yes" at any prompts.

−c|−−cryptresize
Resize dm-crypt mapping together with filesystem detected on the device. The dm-crypt device must be recognizable by cryptsetup(8).

new_size[**B|K|M|G|T|P|E**]
Absolute number of filesystem blocks to be in the filesystem, or an absolute size using a suffix (in powers of 1024). If new_size is not supplied, the whole device is used.

DIAGNOSTICS

On successful completion, the status code is 0. A status code of 2 indicates the operation was interrupted by the user. A status code of 3 indicates the requested check operation could not be performed because the filesystem is mounted and does not support an online **fsck**(8). A status code of 1 is used for other failures.

EXAMPLES

Resize the filesystem on logical volume */dev/vg/test* to 1000 megabytes. If */dev/vg/test* contains ext2/ext3/ext4 filesystem it will be unmounted prior the resize. All [y/n] questions will be answered 'y'.

fsadm −e −y resize /dev/vg/test 1000M

ENVIRONMENT VARIABLES

TMPDIR
The temporary directory name for mount points. Defaults to "*/tmp*".

DM_DEV_DIR
The device directory name. Defaults to "*/dev*" and must be an absolute path.

SEE ALSO

lvm(8), **lvresize**(8), **lvm.conf**(5), **fsck**(8), **tune2fs**(8), **resize2fs**(8), **reiserfstune**(8), **resize_reiserfs**(8), **xfs_info**(8), **xfs_growfs**(8), **xfs_check**(8), **cryptsetup**(8)