Rocky Enterprise Linux 9.2 Manual Pages on command 'dumpe2fs.8'

$ man dumpe2fs.8

DUMPE2FS(8)   System Manager's Manual   DUMPE2FS(8)

NAME

    dumpe2fs - dump ext2/ext3/ext4 file system information

SYNOPSIS

    dumpe2fs [-bfghixV] [-o superblock=superblock] [-o block?

    size=blocksize] device

DESCRIPTION

    dumpe2fs prints the super block and blocks group information for the

    file system present on device.

    Note: When used with a mounted file system, the printed information may

    be old or inconsistent.

OPTIONS

    -b   print the blocks which are reserved as bad in the file system.

-o superblock=superblock

    use the block superblock when examining the file system.   This

    option is not usually needed except by a file system wizard who

    is examining the remains of a very badly corrupted file system.

-o blocksize=blocksize

    use blocks of blocksize bytes when examining the file system.

    This option is not usually needed except by a file system wizard

    who is examining the remains of a very badly corrupted file sys?

    tem.

-f   force dumpe2fs to display a file system even though it may have

    some file system feature flags which dumpe2fs may not understand

    (and which can cause some of dumpe2fs's display to be suspect).

-g   display the group descriptor information in a machine readable

    colon-separated value format.   The fields displayed are the

    group number; the number of the first block in the group; the

    superblock location (or -1 if not present); the range of blocks

    used by the group descriptors (or -1 if not present); the block

    bitmap location; the inode bitmap location; and the range of

    blocks used by the inode table.

-h   only display the superblock information and not any of the block

    group descriptor detail information.

-i   display the file system data from an image file created by e2im?

    age, using device as the pathname to the image file.

-m   If the mmp feature is enabled on the file system, check if de?

    vice is in use by another node, see e2mmpstatus(8) for full de?

    tails.   If used together with the -i option, only the MMP block

information is printed.

-x   print the detailed group information block numbers in hexadeci?

mal format

-V   print the version number of dumpe2fs and exit.

EXIT CODE

dumpe2fs exits with a return code of 0 if the operation completed with?

out errors. It will exit with a non-zero return code if there are any

errors, such as problems reading a valid superblock, bad checksums, or

if the device is in use by another node and -m is specified.

BUGS

You may need to know the physical file system structure to understand

the output.

AUTHOR

dumpe2fs was written by Remy Card <Remy.Card@linux.org>. It is cur?

rently being maintained by Theodore Ts'o <tytso@alum.mit.edu>.

AVAILABILITY

dumpe2fs is part of the e2fsprogs package and is available from

http://e2fsprogs.sourceforge.net.

SEE ALSO

e2fsck(8), e2mmpstatus(8), mke2fs(8), tune2fs(8). ext4(5)

E2fsprogs version 1.46.5   December 2021   DUMPE2FS(8)