

**NAME**

filefrag – report on file fragmentation

**SYNOPSIS**

**filefrag** [ **-b***blocksize* ] [ **-B***eksvxX* ] [ *files...* ]

**DESCRIPTION**

**filefrag** reports on how badly fragmented a particular file might be. It makes allowances for indirect blocks for ext2 and ext3 filesystems, but can be used on files for any filesystem.

The **filefrag** program initially attempts to get the extent information using FIEMAP ioctl which is more efficient and faster. If FIEMAP is not supported then filefrag will fall back to using FIBMAP.

**OPTIONS**

- B** Force the use of the older FIBMAP ioctl instead of the FIEMAP ioctl for testing purposes.
- b***blocksize* Use *blocksize* in bytes for output instead of the filesystem blocksize. For compatibility with earlier versions of **filefrag**, if *blocksize* is unspecified it defaults to 1024 bytes.
- e** Print output in extent format, even for block-mapped files.
- k** Use 1024-byte blocksize for output (identical to '**-b** 1024').
- s** Sync the file before requesting the mapping.
- v** Be verbose when checking for file fragmentation.
- x** Display mapping of extended attributes.
- X** Display extent block numbers in hexadecimal format.

**AUTHOR**

**filefrag** was written by Theodore Ts'o <tytso@mit.edu>.