NAME

ffsinfo - dump all meta information of an existing ufs file system

SYNOPSIS

ffsinfo [**-g** *cylinder_group*] [**-i** *inode*] [**-l** *level*] [**-o** *outfile*] *special* | *file*

DESCRIPTION

The **ffsinfo** utility extends the dumpfs(8) utility.

The output is appended to the file *outfile*. Also expect the output file to be rather large. Up to 2 percent of the size of the specified file system is not uncommon.

The following options are available:

-g *cylinder_group*

This restricts the dump to information about this cylinder group only. Here *0* means the first cylinder group and *-1* the last one.

-i *inode*

This restricts the dump to information about this particular inode only. Here the minimum acceptable inode is *2*. If this option is omitted but a cylinder group is defined then only inodes within that cylinder group are dumped.

-l *level*

The level of detail which will be dumped. This value defaults to *255* and is the "bitwise or" of the following table:

0x001 initial superblock
0x002 superblock copies in each cylinder group
0x004 cylinder group summary in initial cylinder group
0x008 cylinder group information
0x010 inode allocation bitmap
0x020 fragment allocation bitmap
0x040 cluster maps and summary
0x100 inode information
0x200 indirect block dump

-o *outfile*

This sets the output filename where the dump is written to, and must be specified. If - is provided, output will be sent to stdout.

EXAMPLES

```
ffsinfo -o /var/tmp/ffsinfo -l 1023 /dev/md0
```

will dump */dev/md0* to */var/tmp/ffsinfo* with all available information.

SEE ALSO

dumpfs(8), fsck(8), gpart(8), growfs(8), gvinum(8), newfs(8), tunefs(8)

HISTORY

The **ffsinfo** utility first appeared in FreeBSD 4.4.

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BUGS

Snapshots are handled like plain files. They should get their own level to provide for independent control of the amount of what gets dumped. It probably also makes sense to some extend to dump the snapshot as a file system.