

NAME

xfs_info – display XFS filesystem geometry information

SYNOPSIS

```
xfs_info [ -t mtab ] [ mount-point | block-device | file-image ]
xfs_info -V
```

DESCRIPTION

xfs_info displays geometry information about an existing XFS filesystem. The *mount-point* argument is the pathname of a directory where the filesystem is mounted. The *block-device* or *file-image* contain a raw XFS filesystem. The existing contents of the filesystem are undisturbed.

OPTIONS

- t** Specifies an alternate mount table file (default is */proc/mounts* if it exists, else */etc/mtab*). This is used when working with filesystems mounted without writing to */etc/mtab* file - refer to **mount(8)** for further details. This option has no effect with the *block-device* or *file-image* parameters.
- V** Prints the version number and exits. The *mount-point* argument is not required with **-V**.

EXAMPLES

Understanding xfs_info output.

Suppose one has the following "xfs_info /dev/sda" output:

```
meta-data=/dev/pmem0      isize=512    agcount=8, agsize=5974144 blks
                =          sectsz=512    attr=2, projid32bit=1
                =          crc=1        finobt=1, sparse=1, rmapbt=1
                =          reflink=1
data        =            bsize=4096    blocks=47793152, imaxpct=25
                =            sunit=32    swidth=128 blks
naming      =version 2          bsize=4096    ascii-ci=0, ftype=1
log         =internal log      bsize=4096    blocks=23336, version=2
                =            sectsz=512    sunit=0 blks, lazy-count=1
realtime    =none             extsz=4096    blocks=0, rtextents=0
```

Here, the data section of the output indicates "bsize=4096", meaning the data block size for this filesystem is 4096 bytes. This section also shows "sunit=32 swidth=128 blks", which means the stripe unit is 32*4096 bytes = 128 kibibytes and the stripe width is 128*4096 bytes = 512 kibibytes. A single stripe of this filesystem therefore consists of four stripe units (128 blocks / 32 blocks per unit).

SEE ALSO

mkfs.xfs(8), **md(4)**, **lvm(8)**, **mount(8)**.