NAME

xfs_estimate − estimate the space that an XFS filesystem will take

SYNOPSIS

xfs_estimate [**−h**] [**−b** blocksize] [**−i** logsize]
[**−e** logsize] [**−v**] directory ...

xfs_estimate −V

DESCRIPTION

For each *directory* argument, *xfs_estimate* estimates the space that directory would take if it were copied to an XFS filesystem. *xfs_estimate* does not cross mount points. The following definitions are used:

KB = *1024
MB = *1024*1024
GB = *1024*1024*1024

The *xfs_estimate* options are:

−b *blocksize*

Use *blocksize* instead of the default blocksize of 4096 bytes. The modifier **k** can be used after the number to indicate multiplication by 1024. For example,

xfs_estimate −b 64k /

requests an estimate of the space required by the directory / on an XFS filesystem using a blocksize of 64K (65536) bytes.

−v Display more information, formatted.

−h Display usage message.

−i, −e *logsize*

Use *logsize* instead of the default log size of 1000 blocks. **−i** refers to an internal log, while **−e** refers to an external log. The modifiers **k** or **m** can be used after the number to indicate multiplication by 1024 or 1048576, respectively.

For example,

xfs_estimate −i 1m /

requests an estimate of the space required by the directory / on an XFS filesystem using an internal log of 1 megabyte.

−V Print the version number and exits.

EXAMPLES

% ***xfs_estimate −e 10m /var/tmp***

```
/var/tmp will take about 4.2 megabytes
        with the external log using 2560 blocks or about 10.0 megabytes
```

% xfs_estimate −v −e 10m /var/tmp

```
directory                       bsize   blocks    megabytes    logsize
/var/tmp                         4096      792        4.0MB   10485760
```

% xfs_estimate −v /var/tmp

```
directory                       bsize   blocks    megabytes    logsize
/var/tmp                         4096     3352       14.0MB   10485760
```

% xfs_estimate /var/tmp

```
/var/tmp will take about 14.0 megabytes
```