

NAME

btrfs-select-super – overwrite primary superblock with a backup copy

SYNOPSIS

btrfs-select-super -s number <*device*>

DESCRIPTION

Destructively overwrite all copies of the superblock with a specified copy. This helps in certain cases, for example when write barriers were disabled during a power failure and not all superblocks were written, or if the primary superblock is damaged, eg. accidentally overwritten.

The filesystem specified by *device* must not be mounted.

Note

Prior to overwriting the primary superblock, please make sure that the backup copies are valid!

To dump a superblock use the **btrfs inspect-internal dump-super** command.

Then run the check (in the non-repair mode) using the command **btrfs check -s** where *-s* specifies the superblock copy to use.

Superblock copies exist in the following offsets on the device:

- primary: *64KiB* (65536)
- 1st copy: *64MiB* (67108864)
- 2nd copy: *256GiB* (274877906944)

A superblock size is *4KiB* (4096).

OPTIONS

-s|--super <*superblock*>

use 'superblock'th superblock copy, valid values are 0 1 or 2 if the respective superblock offset is within the device size

SEE ALSO

btrfs-inspect-internal(8), **btrfsck check(8)**