

BTRFS Issues

convert to single with failed drive

```
sudo btrfs balance start -dconvert=single -mconvert=single /media
```

Remove drive:

```
sudo btrfs device remove 2
```

After conversion BTRFS is unmountable. It complains that devices are still missing, even with -o degraded, recovery, ro. Everything was performed with recent 5.9 kernel.

```
BTRFS error (device sdb): super_num_devices 2 mismatch with num_devices 1 found here
BTRFS error (device sdc): failed to read chunk tree: -22
```

Solution:

- https://www.mattzone.com/btrfs/btrfs_20171205.html
- Source code of `fix-dev.count.c`
fix-dev-count.c.gz

References:

- [How to recover from BTRFS errors](#)
- [Btrfs unmountable - claims it is missing a volume](#)
- [btrfs partition is suddenly unmountable \[SOLVED don't use btrfs\]](#)
- [You mostly don't need fsck on btrfs](#)

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