

Ext2 Conversion

btrfs-convert is not well tested and recommended. Especially for Kernels > 4.0. Personally it generates errors on BTRFS which will appear after some time. Better way is to use additional temporary disc to move data to newly created BTRFS.

```
fsck -f /dev/sda1
fsck -f /dev/sda6

btrfs-convert /dev/sda1
```

Disk usage before conversion: used 1.56GB, free 2.53GB
after conversion: used 1.65GB, free 2.43GB

```
btrfs check /dev/sda1
```

Update system

Mount new root filesystem:

```
mount /dev/sda1 /mnt
for i in dev dev/pts proc sys ; do mount --bind /$i /mnt/$i ; done
chroot /mnt
```

get new UUID of /dev/sda1 using “blkid” mount /dev/sda1 somewhere, go to etc/fstab and update to new UUID:

UUID=a74f5787-aee1-4981-b7e6-fbd3cb6ac919 /	btrfs	defaults
0 1		

```
mount /boot # if on separate partition
update-grub
grub-install /dev/sda
umount /boot
```

```
exit # from chrooted env
```

```
reboot
```

and remove Live CD / USB with Gparted

rollback to ext2 FS

Rollback to ext2 is possible. There is subvolume ext2_saved on filesystem.

```
btrfs subvolume list /
```

To delete backup

```
btrfs subvolume delete /ext2_saved
```

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