

# Table of Contents

**Deduplicate Files on BTRFS** ..... 2

# Deduplicate Files on BTRFS

BTRFS, ZFS, XFS, and many other file systems allow copy-on-write functionality, allowing multiple files to use the same blocks until one is updated.

This is sometimes called “relinks”, **NOT** to be confused with hardlinks and symlinks/softlinks. (I'll make a video on this soon explaining the differences).

While BTRFS doesn't have online deduplication, it has 2 ways of deduplicating:

1. Programs such as rmlint can be used to convert identical files into reflinks, saving space.

```
sudo rmlint -c sh:link -g /path/to/deduplicate
```

2. Programs like duperemove can link individual extents within files

```
sudo duperemove -r -d -v -h --hashfile duperemove /path/to/deduplicate
```

From:

<https://wiki.tonytascioglu.com/> - **Tony Tascioglu Wiki**

Permanent link:

<https://wiki.tonytascioglu.com/scripts/files/deduplication>

Last update: **2023-01-15 22:55**

