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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'rofiles-fuse.1'***

***\$ man rofiles-fuse.1***

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#### NAME

rofiles-fuse - Use FUSE to create a view where directories are writable, files are immutable

#### SYNOPSIS

rofiles-fuse SRCDIR MNTPOINT

#### DESCRIPTION

Creating a checkout from an OSTree repository by default uses hard links, which means an in-place mutation to any file corrupts the repository and all checkouts. This can be problematic if one wishes to run arbitrary programs against such a checkout. For example, RPM %post scripts or equivalent.

In the case where one wants to create a tree commit derived from other content, using rofiles-fuse in concert with ostree commit

--link-checkout-speedup (or the underlying API) can ensure that only new files are checksummed.

#### EXAMPLE: UPDATE AN OSTREE COMMIT

```
# Initialize a checkout and mount
$ ostree --repo=repo checkout somebranch branch-checkout
$ mkdir mnt
$ rofiles-fuse branch-checkout mnt

# Now, arbitrary changes to mnt/ are reflected in branch-checkout
$ echo somenewcontent > mnt/anewfile
$ mkdir mnt/anewdir
$ rm mnt/someoriginalcontent -rf

# Commit and cleanup
$ fusermount -u mnt
    $ ostree --repo=repo commit --link-checkout-speedup -b somebranch -s 'Commit new content'
--tree=dir=branch-checkout
$ rm mnt branch-checkout -rf
```

#### SEE ALSO

ostree(1)

rofiles-fuse

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