How can I recover a file I just deleted from my locker?

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- How do I recover a file from my backup volume?
- How do I restore a file from OldFiles?

Context

- This answer is specific to the Athena computing environment
- The commands referred to herein are AFS and Athena specific and do not exist on normal Linux and Unix systems

Answer

If you have something called `OldFiles` in your home directory, that is your backup mount point. To recover a file from your backup volume, find the file in `OldFiles`, or one of the sub-directories in there. When you have found it, you can retrieve that file into your home directory by typing:

```
cp filename ~/
```

You can then move it to wherever it belongs in your original directory.

If you do not have the `OldFiles` mount in your home directory, you have to create one. To do so, type:

```
cd ~/
fs mkm OldFiles user.username.backup
```

...where `username` should be replaced with your username). Then follow the directions above. If you wish to remove this mount when you are done, type:

```
cd ~/
fs rmm OldFiles
```

See also

- For more information about `OldFiles`, see What is the OldFiles directory?
- For information on restoring files deleted more than one day ago see How can I get a file restored from the AFS backups?