

# File permissions in Linux

## Project description

[This project is an opportunity to practice Files and Directory Permissions in Linux. The main file structure and directory are `/home/researcher2/projects`]

## Check file and directory details

```
[`ls -la`]
```

## Describe the permissions string

```
[`r=read, w=write, x=execute`]
```

## Change file permissions

```
[`chmod u+rw,g+rw,o+rw projects.txt`]
```

## Change file permissions on a hidden file

```
[`chmod u+rw,g+r,o-rwx .hiddenrecords.txt`]
```

## Change directory permissions

```
[`chmod u=rw,g=wx,o=r ./dir1`]
```

## Summary

[File and directory permissions are a vital skill set in the tool kits of a Security Engineer]