

File permissions in Linux

Project description

In this project, we will utilize linux commands to configure file permissions so certain users may access or be denied access to them.

Check file and directory details

```
cd projects  
ls -la
```

Describe the permissions string

```
-rw-rw-rw- 1 researcher2 research_team 46 Oct 14 18:40 project_k.txt
```

In this string, the first dash indicates whether the entry is a file or a directory. The first set of rw- indicates the permissions for the u, the second set is for the group, and the third is for other users.

Change file permissions

```
chmod o-w project_k.txt
```

Change file permissions on a hidden file

```
chmod ug=r .project_x.txt
```

Change directory permissions

```
chmod g-x drafts/
```

Summary

This lab is used to demonstrate how to use the linux terminal to change file permissions.