

# Linux Guide

## File Permission in Linux

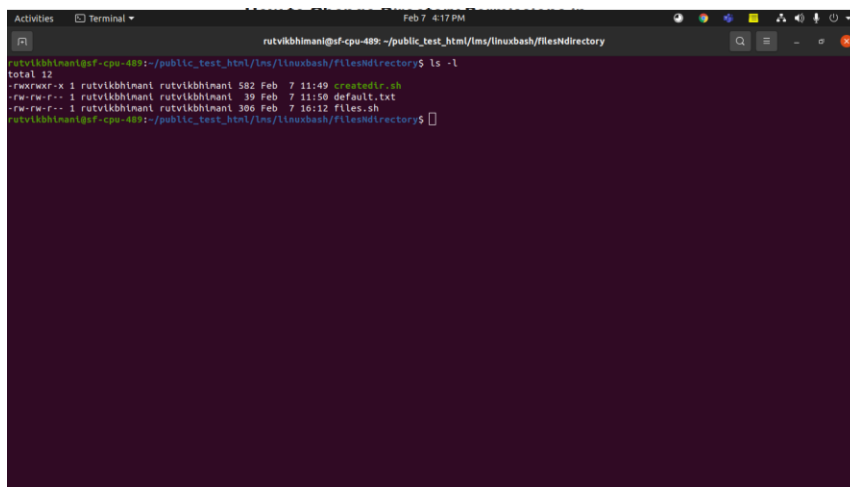
+r= read permission

+w=Write Permission

+x=Execute Permission

To list the all file with the permission

ls-l



```
rutvikbhinani@sf-cpu-409:~/public_test_html/lms/linuxbash/filesNdirectory$ ls -l
total 12
-rwxr-xr-x 1 rutvikbhinani rutvikbhinani 502 Feb  7 11:49 createdir.sh
-rw-rw-r-- 1 rutvikbhinani rutvikbhinani  39 Feb  7 11:50 default.txt
-rw-rw-r-- 1 rutvikbhinani rutvikbhinani 306 Feb  7 16:12 files.sh
rutvikbhinani@sf-cpu-409:~/public_test_html/lms/linuxbash/filesNdirectory$
```

What is 777 numeric number mean ?

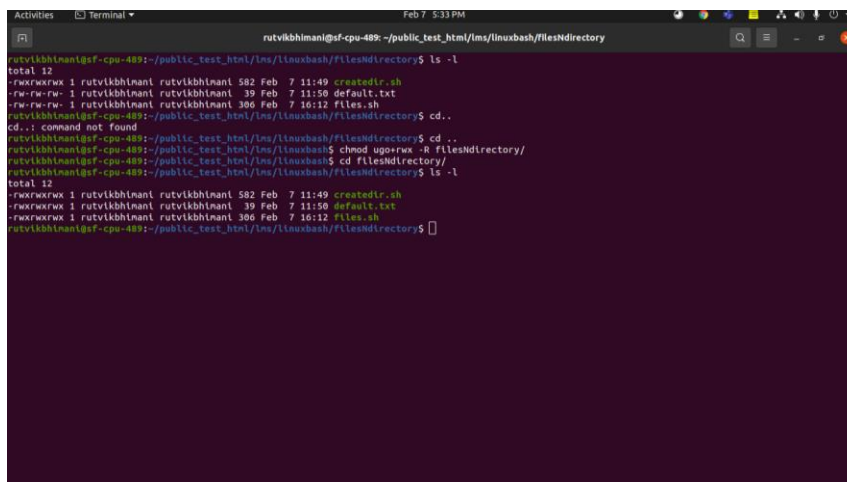
| Owner      | Group     | Other     |
|------------|-----------|-----------|
| 4 2 1      | 4 2 1     | 4 2 1     |
| 4- read    | 4-read    | 4-read    |
| 2-write    | 2-write   | 2-write   |
| 1- Execute | 1-execute | 1-execute |
| <hr/>      |           |           |
| 7          | 7         | 7         |

Note : where + means file and d meand directory

## How to change permission for file and directory??

`chmod ugo+rwX <foldername>`

- change the permission for all

A terminal window showing a series of commands and their outputs. The user is in a directory named 'filesndirectory'. They run 'ls -l' which shows a list of files with their permissions, owner, group, size, date, and name. The files are 'createdir.sh', 'default.txt', and 'files.sh'. The permissions are '-rwxrwxr-x' for the directory and '-rwxrwxr-x' for the files. The user then runs 'cd ..' and 'cd filesndirectory'. They then run 'chmod ugo+rwX filesndirectory/' which changes the permissions of the directory to '-rwxrwxr-x'. Finally, they run 'ls -l' again, which shows the same list of files, but the permissions for the directory are now '-rwxrwxr-x'.

## How to Change Ownership in Linux

`chown name <filename/foldername>`

### Types of permission in linux

- 0 = ---
- 1 = --x
- 2 = -w-
- 3 = -wx
- 4 = r-
- 5 = r-x
- 6 = rw-
- 7 = rwx

## htop

[illegible]

### Find Particular Process in using search

F3

kill any particular process

F9

# Vim

## How to search in vim

```
:set hlsearch
```

## Search and replace using vim

:s <search>|<replace>

Save and exit

:wq