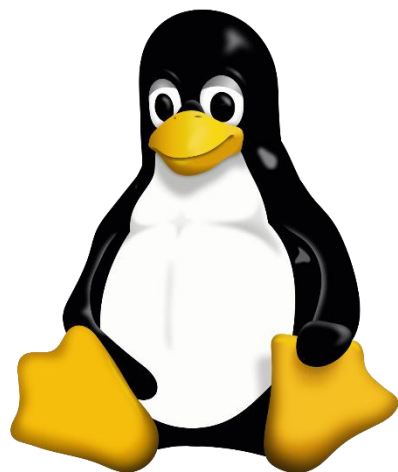


Linux Primer

1100-1200 Ownership, files and directories in Linux



AL NAFI,
A company with a focus on education,
wellbeing and renewable energy.



Umar Ibn Abdul Azeez The just Caliph



Who was Umar Ibn Abdul Azeez

- A commentary on Uman Ibn Abdul Azeez (May Allah have mercy on him)

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5. All Nafi members MUST study on the portal <https://alnafi.com/login/> and connect using your Nafi member username and password.
6. Once on the portal they can follow their classes by:
 - watching videos
 - attempting quizzes and flash cards
 - studying official Nafi notes
 - keep track of their studies long with many more features

Linux Groups

```
tutonics@andromeda: ~  
(File Type "regular")  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$ ls -l  
-rwxrwxrwx 1 tutonics tutonics 0 Dec  9 12:10 filename.txt  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$  
tutonics@andromeda:~$
```

{ user

- r - user (the file's owner) read permission
- w - user (the file's owner) write permission
- x - user (the file's owner) execute permission

{ group

- r - group (any user in the file's group) read permission
- w - group (any user in the file's group) write permission
- x - group (any user in the file's group) execute permission

{ other

- r - other (everybody else) read permission
- w - other (everybody else) write permission
- x - other (everybody else) execute permission

(user name) (group name)

Linux group, owner and file permissions

```
# ls -l file
-rw-r--r-- 1 root root 0 Nov 19 23:49 file
```

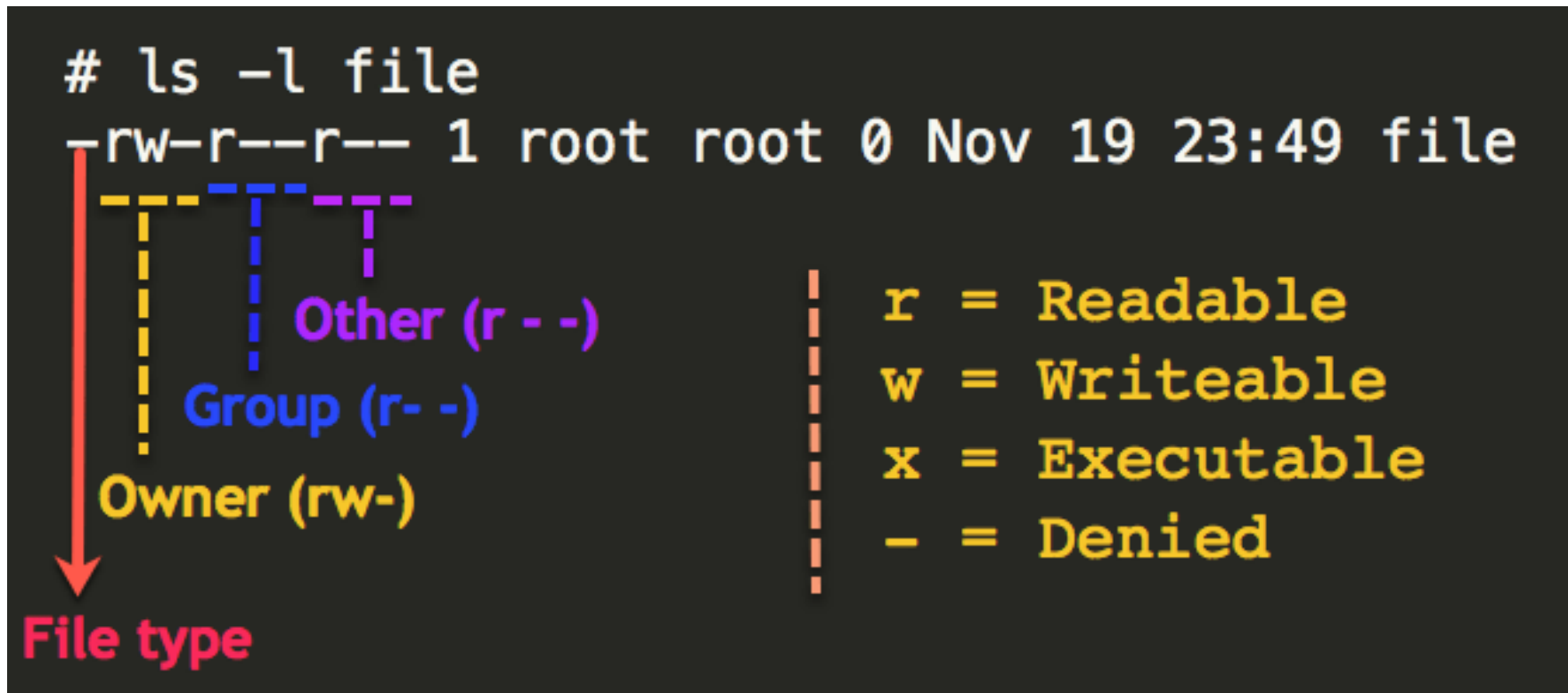


Diagram illustrating the breakdown of the permissions string `-rw-r--r--` into its components:

- Owner (rw-)**: The first three characters (`rw-`) represent the permissions for the file owner.
- Group (r- -)**: The next three characters (`r- -`) represent the permissions for the group.
- Other (r- -)**: The final three characters (`r- -`) represent the permissions for other users.

Legend:

- `r` = Readable
- `w` = Writeable
- `x` = Executable
- `-` = Denied

File type: The first character (`-`) indicates the file type (regular file).

جزاك الله

To ask questions, Join the Al Nafi Official Group

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