Summary:

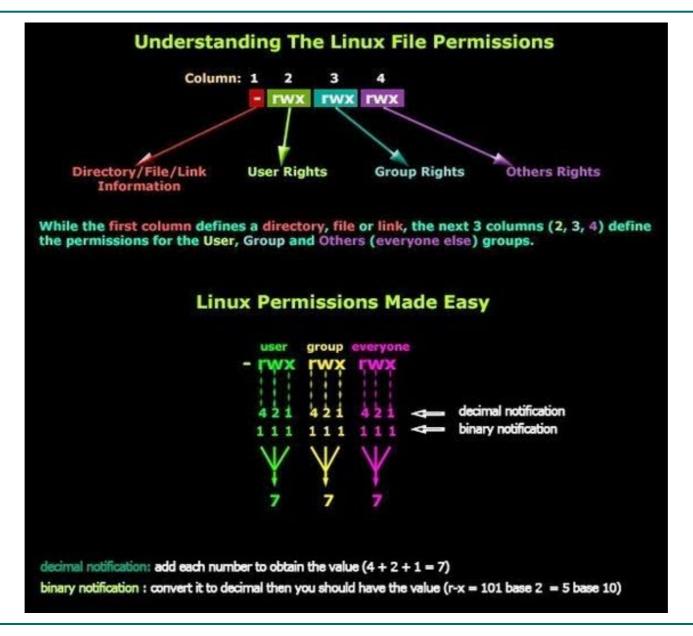
- Background

Permissions

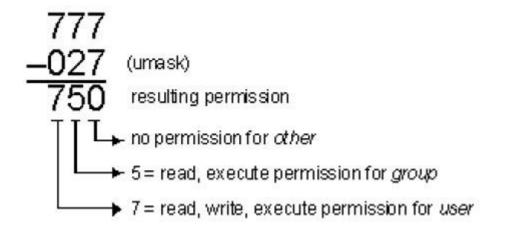
Different type of distributions...

- Tips and tricks
- Labs





Important when you will try to use /etc/fstab



Exercice: Give the permission numbers as well as owner and group owner!

```
drwxr-xr-x 6 pierre pierre
drwxr-xr-x 15 pierre pierre
drwxrwxr-x 9 root http
-rw-r--r-- 1 pierre pierre
drwxr-xr-x 4 root http
drwx----- 9 pierre pierre
-rwxr-xr-x 6 999 root
-rw-r--r-- 1 pierre pierre
```

You have two main types of distributions: **Point** release and **rolling** release

Point release

- Updates less often (typically, every 6, 9 or 12 months)
- Usually more stable because software are thoroughly tested
- Good for old hardware because of compatibility
- Security can be an issue
- Softwares are not up-to-date and does not come with all the latest features
- Can cause problem with dependencies

Rolling release

- Updates frequently (when a package is updated)
- Usually less stable
- Compatibility can be an issue on old hardware
- Security is up to date
- You get the latest features

Point release













Rolling release











```
    Copy whole line with the keyboard :
    CTRL + A (go to the beginning of the line)
```

CTRL + K (cut)

CTRL + Y (paste)

Moving the cursor around :

ALT+F (Move forward a word)

ALT+B (Move back a word)

- Extract file name from the path : basename <path>
- Remove the file extension as well: basename -s'extension' <path>
- Repeat the last command: !!
- Repeat the last command that matches a string: !<string>
- Reuse the argument of the last command: !\$
- Command substitution:

```
today=$(date +%m-%d-%Y)
echo $today
```

You can continue the labs!