

Unix I

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UNIX!

What is Unix?

- ▶ Unix, Linux, *nix, : Qu'est-ce que c'est ?
- ▶ Created in 1969 in the Bell Labs
- ▶ Operating System
- ▶ Multi-user
- ▶ Multi-task
- ▶ Protected memory
- ▶ Unix family: BSD, Linux, Mac OS X (Darwin), Android, etc.

Why use Unix on the computing servers of the Institut Pasteur?

- ▶ Fares well in the scientific domain
- ▶ Multi-user
- ▶ Versatile
- ▶ Powerful

How and where to connect on the IP servers?

- ▶ ssh!
- ▶ login+password: your identity for the IP
- ▶ gateway to IP servers from off-campus:

ssh.pasteur.fr

The Unix Shell

What is the Unix shell?

Syntax: command, options, arguments

Example: ls

```
ls -l
```

```
ls ~
```


The file system

Basic commands

Tasks management and chaining

Thank you