

### S1.03 - Installation d'un poste pour le développement Installation instructions for Linux

#### **Prerequisites:**

Have a Linux boot volume (key / disk / CD), if you don't have one, you can download the latest version here: <https://ubuntu.com/download/desktop> and then place the file on the drive.

Make sure your computer is able to connect to the internet via an Ethernet cable or a Wi-Fi network.

#### **Virtual-box :**

You may want to install it on Virtual-box, so here are some instructions to setup it :

**Step 1:** After [installing Virtual-box](#), create a new environment by clicking on the "New" star looking icon and give it a name.

**Step 2:** Allocate a good RAM ratio depending on your PC's specs and just click "Next" for all the boxes that appears. Finally, click on "Create".

**Step 3:** Right click on your machine on the left side panel, then "Storage", and select the key where you've downloaded Linux.

**Step 4:** Your virtual machine now ready to go, so click on "Start". You will have to select the file where the Linux file is.

Now you can proceed to the Linux installation, specified bellow.

Linux installation :

**Step 1:** insert your boot drive into your computer and turn on your machine.

**Step 2:** use the "up arrow" and "down arrow" keys and highlight "Ubuntu", then press the "Enter" key.

The installation procedure should start after a slight loading time.

**Step 3:** select the language of the operating system (prefer "English" or "Français") then click on "Install Ubuntu".

**Step 4:** select the right keyboard layout (you can also detect it). Normally, no changes are necessary. You can test your keyboard layout in the text box below the two selection panes.

**Step 5:** what you need now is to choose which installation you want to perform. Choose the "normal installation", and check the box "Download updates while installing Ubuntu", this will prevent you from doing it manually later. You can also select the last option if you want, but it's not necessary. Click on "Continue".

**Step 6:** choose to erase the disk and install Ubuntu. Click on "Install Now".

**Step 7:** select the time zone corresponding to your geographic area.

**Step 8:** enter your name (=computer's name) and password (which you must remember because you will enter it each time you log in).

The installation should finish soon. This step may take a while, be careful that your computer does not turn off.

**Step 9:** after this loading time, you need to click on "Restart Now".

You can now log in and freely use your computer! ;)

#### **If you've decided not to perform updates during installation (at step 5):**

Open a terminal then type the command "sudo apt update && sudo apt upgrade -y", and press "enter". Then enter the password for your session. After a slight loading time, that's it, your computer is up to date!