Laboratory exercise 1

Linux installation

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Assignment

In this course we will use the Robot Operating System (ROS), version Noetic, which works best with Linux Ubuntu 20.04 LTS. In the scope of this exercise you will install Ubuntu on your system. An official, detailed Ubuntu installation guide is available here. You can install Ubuntu in several ways:

- Clean install, where Ubuntu becomes the only operating system on your PC. You can follow a video tutorial here or follow a similar one.
- Dual boot, where Ubuntu is installed alongside Windows or macOS. You can follow a video tutorial here for a Windows-Ubuntu dual boot and here here for a macOS-Ubuntu dual boot, or follow a similar one.
- As a virtual machine, where Ubuntu is installed within virtualization software on your native operating system. You can use VirtualBox or any other virtualization software. You can follow a video tutorial here, or follow a similar one.

Task 1 : Ubuntu installation

a) Get Linux Ubuntu 20.04 LTS on your computer either as clean install, dual boot or a virtual machine. If Ubuntu is already installed on your machine, you do not need to reinstall, simply skip this step. After successful installation, do the following

- Open your file explorer and take a screenshot of your `/home/<username>` folder.
- Open your terminal, type the command `lsb_release -a` and take a screenshot.

Exercise submission

Create a zip archive containing this pdf file with your name and JMBAG and the two **screenshots** you took. Upload to Moodle.