Requirements & Recommendations (Part 1)

Below is a list of requirements and recommendations on software tools for this course. Please make sure you have all the requirements installed and working before next class.

> **NOTE**: Recommendations are not mandatory, but if not adopted, it is on your own responsibility. Any technical problems you might encounter with your code and/or project management, will not be supported in class.

If you have any questions or problems with the any of the points below, please contact us as soon as possible.

> **NOTE:** Guides and tutorials for installation are linked in the headers.

1. **Install WSL**
   If you are a windows user, you should have installed WSL2 already following the pdf on Onderwijs Online. In the header there is also an online tutorial linked on how to install WSL2.

   > **NOTE: For Windows Users Only**. We do not support Windows in class (only Linux and Macos). We recommend that Windows users install WSL2.

   If you are not able to install WSL2, please contact us as soon as possible.

2. **Create a GitLab account with your HAN email address**
   During this course we will use Git and Gitlab to distribute the course materials and collaborate. It is mandatory to have a GitLab account with a han email address.

   Use the link in the header to create a gitlab account with your HAN email address. If you are not able to create a gitlab account, please contact us as soon as possible.

   > **NOTE:** If you already have a GitLab account, please create a new account with your HAN email address. This is necessary so we can add you to the course materials repository.

3. **Generate a SSH key and add it to your GitLab account**.
   We will be using SSH to connect to GitLab. Go to the PDF `01_setting_up_ssh` in Onderwijs Online and follow the instructions to generate a SSH key and add it to your GitLab account.

   If you are not able to generate a SSH key and add it to your GitLab account, please contact us as soon as possible.

4. **Install Git**
   We will be using git to distribute the course materials and collaborate. Use the link in the header to install Git on your system. Having git installed is mandatory and necessary to follow this course.

   If you are not able to install git, please contact us as soon as possible.

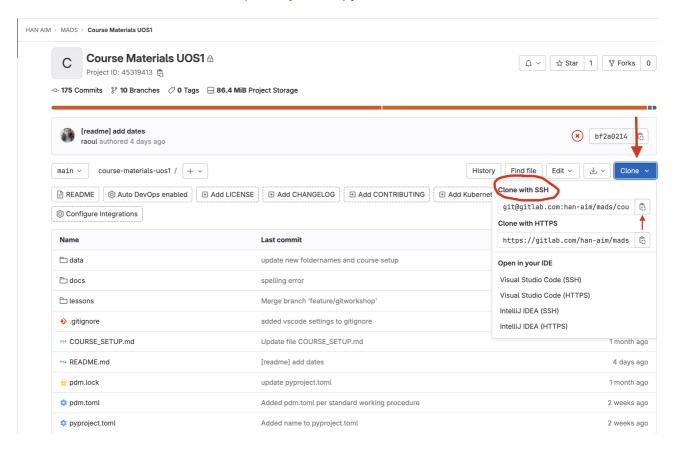## Step by step guide to clone the course materials repository for UOS 1

This guide assumes that:

- you are working on a Unix based operating system (MacOs or a Linux distro),

- have Git installed,
- created a GitLab account with your HAN email address,
- generated a SSH-key and added the public key to your GitLab account.

NOTE: If you are working on Windows, please follow the instructions to install WSL2 in the PDF tutorial `wsl2.pdf` on Onderwijs Online and continue with the guide in the WSL2 terminal.

1. Go to the course-materials-UOS1 repository and copy the SSH clone URL:

2. Create a directory where you want to clone the course materials repository. For example, you can create a directory called MADS in your home directory.

3. Open a terminal in this directory to clone the course-materials-UOS1 repository.

4. Clone the course-materials-UOS1 repository by running the following command in your terminal:

```
git clone git@gitlab.com:han-aim/mads/course-materials-uos1.git
```

5. To continue the setup go to the directory `/lessons/02_setup` in the course-materials-uos1 repository on your local machine and continue with `00_overview.md` document.