Installation Instructions

This document contains the instructions to get this week's notebooks up and running.

Installing Anaconda

We're going to be using Anaconda to create an environment for MUDE, so the first step is to install Anaconda.

Here, you can find the installer for your OS.

Creating an environment from a .yml file

The second step is to create an environment in Anaconda containing all the required packages. For this purpose, an environment file has been created (`environment.yml`), which tells Anaconda which versions of which python libraries to install.

You can create your MUDE environment by opening your Anaconda prompt or terminal, and entering

```
conda env create -f environment.yml
```

After waiting for a bit to let Anaconda figure out all the dependencies, installation should follow. You can check that installation was successful by running

```
conda env list
```

and verifying that `mude` is in the list.

Activating the MUDE environment

Now, all that's left is to activate the environment before using it, which is done by running

```
conda activate mude
```

Note that by default, no environment is activated, so if you restart your PC, you need to activate the environment again.

Deactivating the MUDE environment is done by running

```
conda deactivate
```

Installing additional libraries

In case there are some additional libraries that you would like to install, make sure to do this installation via Anaconda! Packages can be installed by running

```
conda activate mude
conda install <package name>
```

If you don't know the name of your package (this is not necessarily the same name as the one in the import statement in your notebooks/python scripts), you can find it by searching the package you want in the Anaconda repo.