Montreal-forced-aligner installation

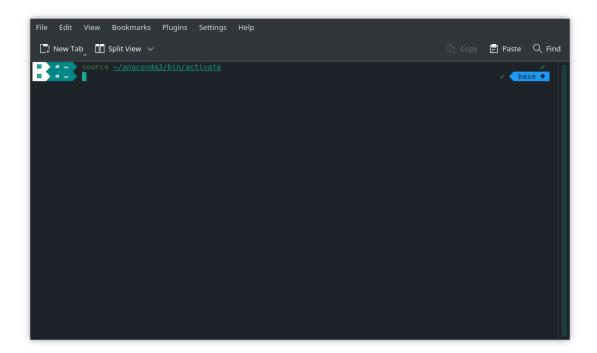
1) Prerequisite

This notebook contains the basic steps to install the Montreal-forced-aligner (MFA) on your computer. It is assumed that a working Python distribution is already on your computer. I recommend to use Anaconda that can be installed for Windows, Mac and Linux: https://www.anaconda.com/products/distribution

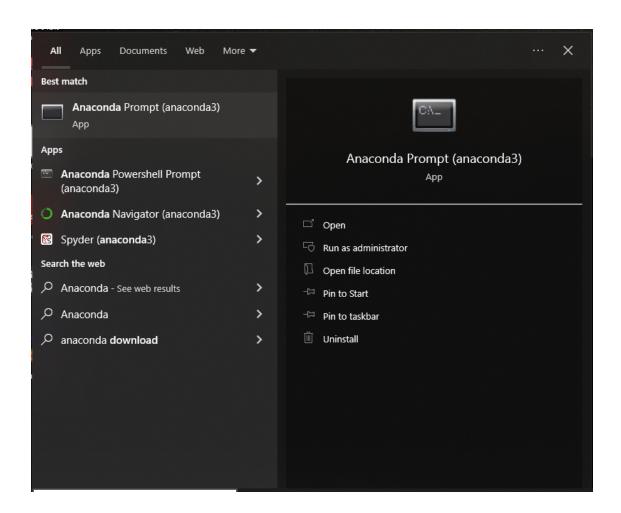
2) Open anaconda

After the successful installation, open the terminal/console/command line of your operating system.

• On Linux and Mac, you should see automatically the term "(base)" at the end or beginning of the input line. (Note: source ~/anaconda3/bin/activate has to be entered on Linux systems only if anaconda is not automatically initialized)



• On Windows, search for "Anaconda Prompt (anaconda3)"



and execute the App. You should see now a command line:



3) Set up an environment

A good feature of Anaconda is its easy handling of environments. (Virtual) environments have their own Python interpreter, libraries and scripts and are isolated from other environments. In case a program does not run from a specific enironment due to broken packages, you can simply delete it and set up a new one with more stable packages.

If you were able to install the MFA in Session 1, but it did not work (properly), remove your environment via the following command:

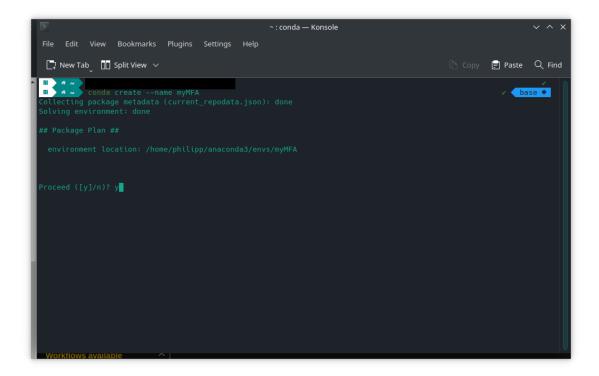
```
[]: conda remove --name name_of_your_environment --all
```

You can use this command whenever you want to remove an environment.

In order to create a new environment, type in (you can use any name instead of "myMFA"):

```
[]: conda create --name myMFA
```

You should see now the following output. Enter y.



The environment should be installed now:

The environment has to be activated by the following command:

[]: conda activate myMFA

You can see that the environment is activated if you see "(myMFA)" instead of "(base)":

4) Install the MFA

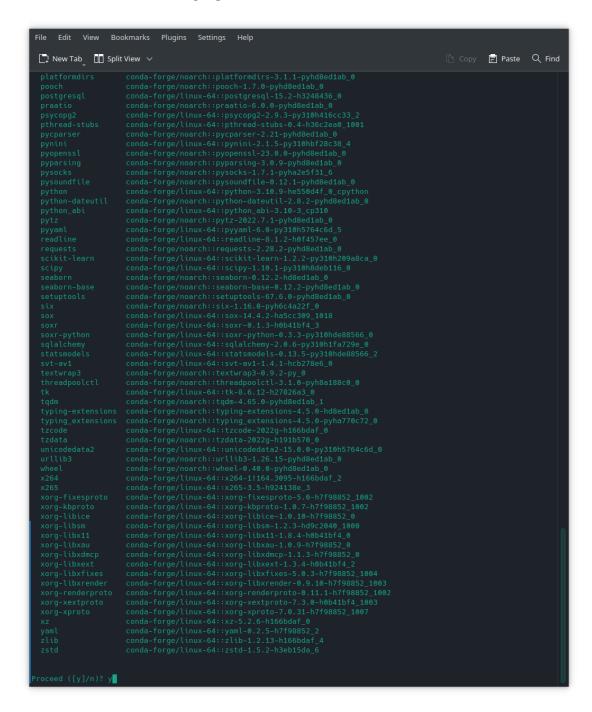
If your environment is activated, enter the following command to install the MFA:

```
[]: conda install -c conda-forge montreal-forced-aligner=2.2.0
```

The "=2.2.0" forces conda to install a specific version of the MFA. Although the MFA was updated recently, there seem to be certain issues of dependend packages that are installed along, so we will install the older version 2.2.0.

```
☐ New Tab ☐ Split View ∨
                                                                                                                                                                 Paste Q Find
     conda activate myMFA
conda install -c conda-forge montreal-forced-aligner=2.2.0
ollecting package metadata (current repodata.json): done
olving environment: failed with initial frozen solve. Retrying with flexible solve.
ollecting package metadata (repodata.json): done
```

It may be that you see a message like: "Solving environment: failed with initial frozen solve. Retrying with flexible solve." Just let the program run.



Proceed by entering y. You can confirm whether the MFA is installed on your computer by entering:

```
[]: conda list
```

A list of all packages installed in your environment is prompted. You will find the MFA there:

