

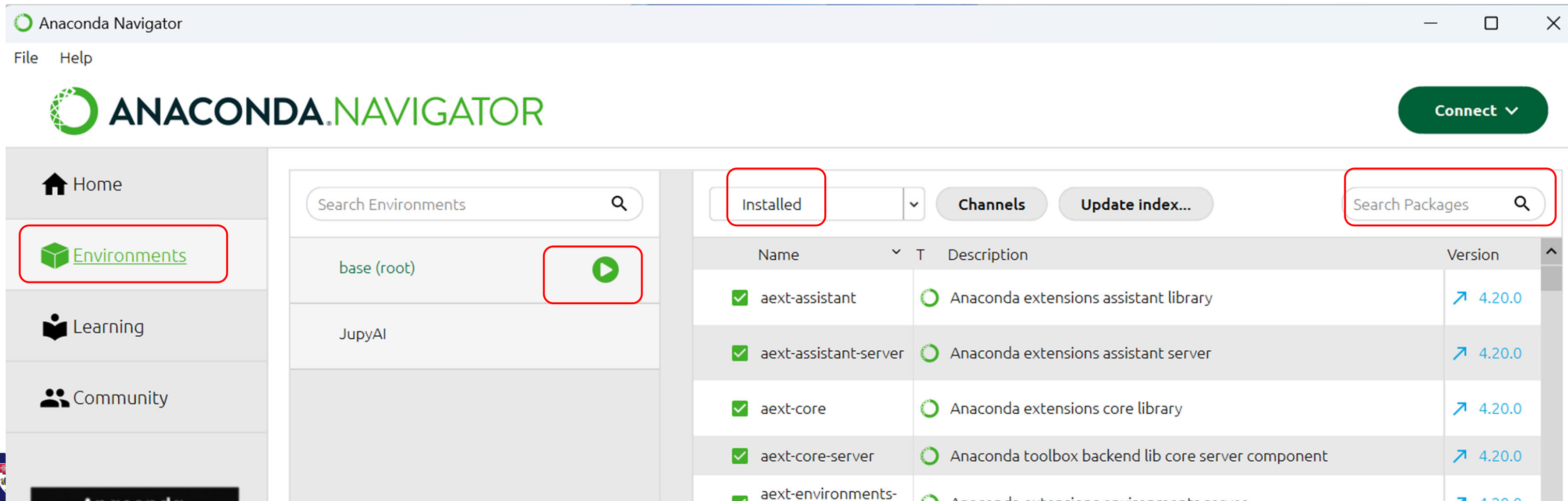
Navigator vs Anaconda Prompt

Using Navigator

Anaconda Navigator provides a GUI to create environment and install packages.

We usually will first check whether the package is already installed in the environment.

Example:



The screenshot shows the Anaconda Navigator application window. The 'Environments' tab is selected in the left sidebar. The main panel displays a list of environments: 'base (root)' and 'JupyAI'. The 'base (root)' environment is selected, and a green play button icon is visible next to it. The right panel shows a list of installed packages under the 'Installed' tab. The packages listed are:

Name	Description	Version
✓ aext-assistant	Anaconda extensions assistant library	4.20.0
✓ aext-assistant-server	Anaconda extensions assistant server	4.20.0
✓ aext-core	Anaconda extensions core library	4.20.0
✓ aext-core-server	Anaconda toolbox backend lib core server component	4.20.0
✓ aext-environments-	Anaconda extensions environments server	4.20.0

Using Navigator

Installed

Channels

Update index...

matplotlib

×

Name	T	Description	Version
✓ matplotlib		Publication quality figures in python	3.10.6
✓ matplotlib-base		Publication quality figures in python	3.10.6
✓ matplotlib-inline		Inline matplotlib backend for jupyter	↗ 0.1.7

Installed

Channels

Update index...

pytorch

×

Name	T	Description	Version

Using Navigator

Not installed

Channels

Update index...

pytorch

Name	T	Description	Version
<input type="checkbox"/> libtorch		Pytorch is an optimized tensor library for deep learning using gpus and cpus.	2.7.0
<input type="checkbox"/> lightning-utilities		Pytorch lightning sample project.	0.15.2
<input type="checkbox"/> pomegranate		A pytorch implementation of probabilistic models.	1.1.2
<input checked="" type="checkbox"/> pytorch		Pytorch is an optimized tensor library for deep learning using gpus and cpus.	2.7.0

Apply

Clear

Using Conda (through Anaconda Prompt)

To check whether the package xxxx is already installed

- Open a console using Anaconda Prompt
- Type the command **conda list xxxx**

```
Anaconda Prompt
(base) C:\Users\aschvun>conda list matplotlib
# packages in environment at C:\Users\aschvun\AppData\Local\miniconda3:
#
# Name                Version             Build                Channel
matplotlib            3.10.6              py313haa95532_0
matplotlib-base       3.10.6              py313h26e45b9_0
matplotlib-inline     0.1.7               py313haa95532_0

(base) C:\Users\aschvun>conda list pandas
# packages in environment at C:\Users\aschvun\AppData\Local\miniconda3:
#
# Name                Version             Build                Channel
pandas               2.3.3               py313h42c1672_0

(base) C:\Users\aschvun>conda list tensorflow
CondaValueError: No packages match 'tensorflow'.

(base) C:\Users\aschvun>conda list pytorch
CondaValueError: No packages match 'pytorch'.
```

Using Conda - Installation

To install a package xxxx

- in the console, use the command **conda install xxxx** (recommend to also specify to use the **conda-forge** channel).

Example:

```
(JupyAI) C:\Users\nickv>conda install -c conda-forge jupyterlab
3 channel Terms of Service accepted
Channels:
- conda-forge
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done
```

(Note that the installation in the above example is performed in another environment – JupyAI)