

Effective Programming Practices for Economists

Basic Python

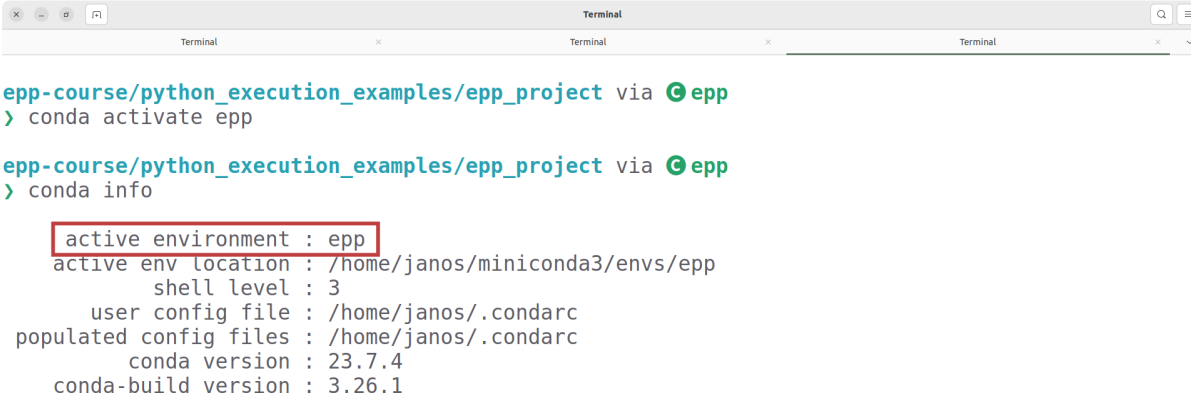
Executing notebooks in a browser

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Preparation

- We assume you have installed anaconda and created the course environment
- Open a shell in the root directory of your project
 - On Windows, use the anaconda prompt or the powershell
 - If conda is not recognized in the powershell, check out this [stackoverflow post](#)
- Activate the environment using ``conda activate epp``
- Confirm the activation worked using ``conda info``

0. Activate and Info



```
epp-course/python_execution_examples/epp_project via G epp
> conda activate epp

epp-course/python_execution_examples/epp_project via G epp
> conda info

active environment : epp
active env location : /home/janos/miniconda3/envs/epp
  shell level      : 3
  user config file  : /home/janos/.condarc
populated config files : /home/janos/.condarc
  conda version     : 23.7.4
  conda-build version : 3.26.1
  python version    : 3.9.18.final.0
  virtual packages  : __archspec=1=x86_64
                    __cuda=12.0=0
                    __glibc=2.35=0
                    __linux=6.2.0=0
                    __unix=0=0

  base environment  : /home/janos/miniconda3 (writable)
  conda av data dir  : /home/janos/miniconda3/etc/conda
  conda av metadata url : None
  channel URLs       : https://conda.anaconda.org/conda-forge/linux-64
                    https://conda.anaconda.org/conda-forge/noarch
```

Example project structure



- Our shell is in the ``epp_project`` directory
- We want to run ``exercise_2.ipynb`` in the browser
- Command is ``jupyter notebook``

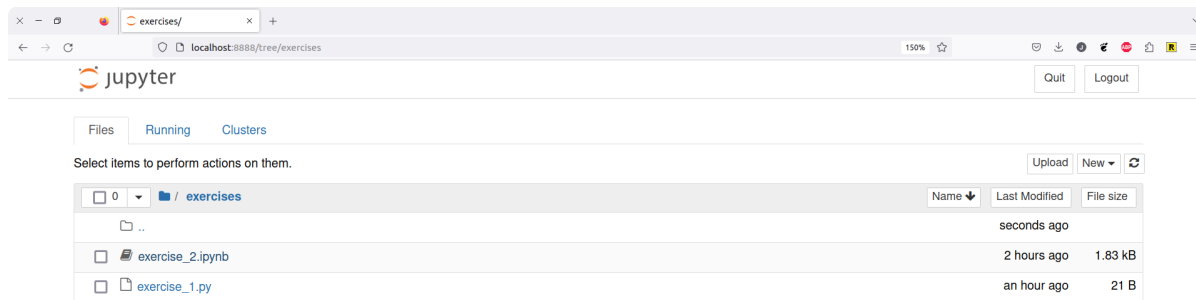
1. Start Notebook



2. Landing Page



3. Click on Folder



The screenshot shows a web browser window with the address bar at `localhost:8888/tree/exercises`. The JupyterLab interface has tabs for `Files`, `Running`, and `Clusters`. The `Files` tab is active, displaying a file browser. At the top, it says "Select items to perform actions on them." with buttons for `Upload`, `New`, and a refresh icon. Below this is a table of files and folders:

	Name	Last Modified	File size
<input type="checkbox"/> 0	/ exercises		
<input type="checkbox"/>	..	seconds ago	
<input type="checkbox"/>	<code>exercise_2.ipynb</code>	2 hours ago	1.83 kB
<input type="checkbox"/>	<code>exercise_1.py</code>	an hour ago	21 B

localhost:8888/notebooks/exercises/exercise_2.ipynb

4. Work in the Notebook

