Robot Learning

Assignment Instructions

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Setup

The assignments will contain exercises with written as well as practical code solutions. Therefore, we will use Jupyter Notebooks to provide supporting code fragments from our side together with cells for text and script solutions for your use in the same document.

For this purpose, please install Miniforge, or any conda installation of your choice. Next, open a terminal (special case Windows: we recommend using Ubuntu in WSL) and create an encapsulated Python environment for the exercises. When copying the following commands, make sure that your clipboard is not switching dashes and hyphens:

```
conda create –n rl_25 python==3.10 jupyter matplotlib scipy
```

Activate it by typing:

```
conda activate rl_25
```

As a final sanity check, execute

```
jupyter notebook ––NotebookApp.token='rl25'
```

and navigate to `http://localhost:8888/tree` in your webbrowser using the access token you set above. On the right, there should be a dropdown menu labeled *create* that allows starting new Jupyter Notebooks. You are now all set to go!

In a suitable terminal, navigate to a **copy** of the directory **RL_Assignment_02** from the RL_SS25 repository. Start a notebook server as described above and open the Jupyter Notebook *RL_Assignment_02.ipynb*. There, complete the theoretical and practical tasks! Your answers should be given directly within this Jupyter Notebook.