Coursetitle

Robin Delabays

November 4, 2025

Table of contents

Useful info

In this course we will cover how code projects can be managed on different operating systems using git and the differences between various operating systems. You will learn how to manage dependencies on a computer (for example on the architecture-level, operating system, user environment & system variables as well as package management (python pip/conda)). We will use a real world example of deploying a python application for generating automatic plots as Docker image and discuss the individual components.

PDF Version

Part I

First Part

1 Week description

Lorem ipsum dolor sit amet. hello.

$$e = mc^2$$

Slides Slides PDF

1.1 Exercise with Inline Solution accessible to the students

```
#| exercise: ex_1

# square each number
for x in range(5):
  print(______)
```

Solution.

```
# square each number
for x in range(5):
  print(x**2)
```

1.2 Solution only visible in the teacher version

Part II

Second Part

2 Week title

Lorem ipsum dolor sit amet.

Slides Slides PDF

Part III

Third Part

Part IV

Fourth Part

Part V

Fifth Part