



Step by Step

"Git Clone, git zip etc...."



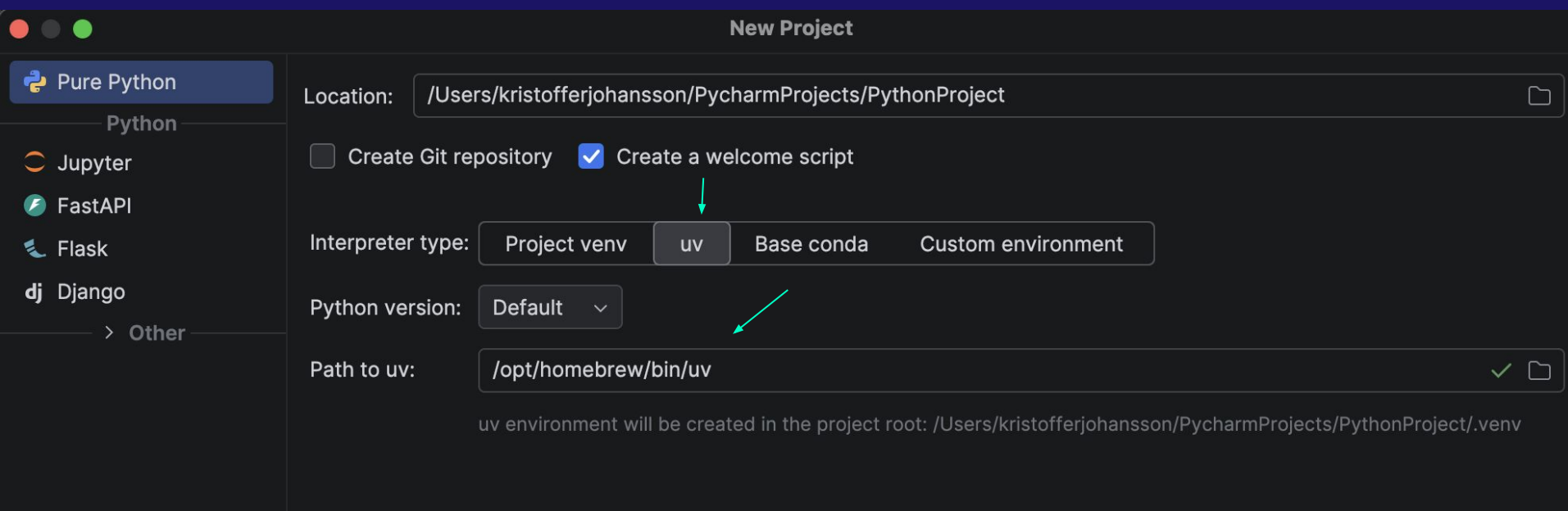
01

Download & Dependencies



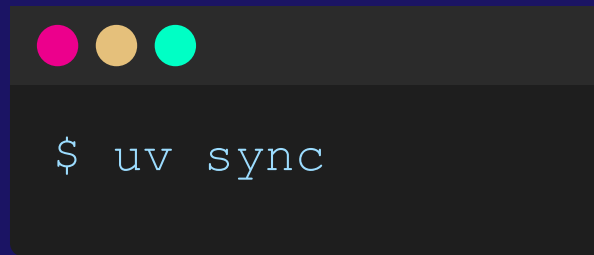
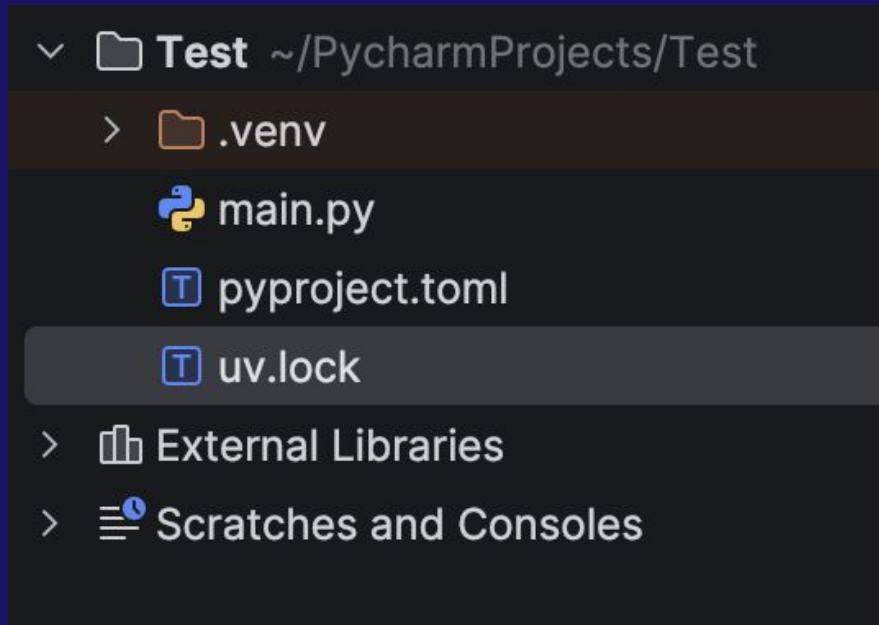
I'm missing the
uv.lock





Make sure you have 'uv' installed on your device

Generate uv.lock (Commands)



That's all, you're now done!

I have no .toml
or
uv.lock



Generate .toml & .lock (Commands)



```
$ uv init
```

```
$ uv sync
```

That's all, you're now done!

Download Project



Download (Project)

Download project:

<https://github.com/Krillinator/data-platform-lektion-3-fastapi-postgreSQL>



data-platform-lektion-3-fastapi-postgreSQL

Public

Download (Problem)

Problem:

We will be missing .venv file and no dependencies...

If you see a uv.lock → You are in luck!

pgsql_fastapi

.gitignore

.python-version

README.md

pyproject.toml

uv.lock



Create `.venv` & Activate

(Commands)



```
$ python3 -m venv .venv  
$ source .venv/bin/activate  
$ uv sync
```

That's all, you're now done!

__init__.py

What is it?



`__init__.py` (What is it?)



**I don't know the
difference between a
folder and a package**

Imports are very hard


```
demo/  
├─ main.py  
└─ schema/  
    └─ product.py
```


```
from schema.product import Product  
  
p = Product()  
p.hello()
```

Utan `__init__.py` kan leda till:


`ModuleNotFoundError: No module named 'schema'`


Best Practice (app package)


▼  **demo_6** ~/PycharmProjects/demo_6


>  **.venv**

▼  **app**

▼  **schema**

 **__init__.py**

 **product.py**

 **__init__.py**

 **main.py**


Best Practice


(FastApi Run Project)


✓  **demo_6** ~/PycharmProjects/demo_6


>  **.venv**


✓  **app**

✓  **schema**

 **__init__.py**

 **product.py**

 **__init__.py**

 **main.py**



```
$ cd app  
$ fastapi dev main.py
```


ALTERNATIVE

(FastApi Run Project 'uvicorn')



```
$ uv run uvicorn main:app --reload  
# Ensures that packages are imported correctly  
  
$ fastapi dev main.py # quick / can crash
```

TODO Gäller detta VSCODE

