

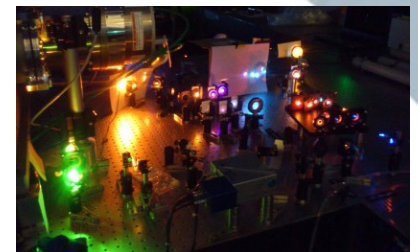


CEMES


FemtoUP 2021

PyMoDAQ-Femto Installation

Sébastien Weber




Specific Environment file


 [Ecole-Femto-2021](#) / [installation](#)

<https://github.com/Ecole-Femto-2021/installation/>

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)

[main](#) [installation](#) / [env_install_pymodaq.yml](#)

 seb5g added install file for pymodaq_femto

 1 contributor

15 lines (13 sloc) 253 Bytes

```
1 name: pymodaq_femto
2 dependencies:
3   - python=3.8.6
4   - pip
5   - toml
6
7   - pip:
8     - numpy
9     - pymodaq==3.1.0
10    - pymodaq_plugin_manager
11    - git+https://github.com/seb5g/pypret.git
12    - pymodaq_plugins_femto
13    - pymodaq_femto
14    - matplotlib
15
```

Environment name

Packages installed using conda server : « conda install mypackage »

Packages installed using pip server : « pip install mypackage »

Specific Environment file

Ecole-Femto-2021 / installation

<https://github.com/Ecole-Femto-2021/installation/>

<> Code ⓘ Issues 🔗 Pull requests ▶ Actions 📁 Projects 📖 Wiki 🛡 Security

main ▾ installation / env_install_pymodaq.yml

seb5g added install file for pymodaq_femto

1 contributor

15 lines (13 sloc) 253 Bytes

```
1 name: pymodaq_femto
2 dependencies:
3   - python=3.8.6
4   - pip
5   - toml
6
7   - pip:
8     - numpy
9     - pymodaq==3.1.0
10    - pymodaq_plugin_manager
11    - git+https://github.com/seb5g/pypret.git
12    - pymodaq_plugins_femto
13    - pymodaq_femto
14    - matplotlib
15
```

Environment name

Packages installed using conda server : « conda install mypackage »

Packages installed using pip server : « pip install mypackage »

Packages installed using pip and git directly from github

BUT you need GIT !

Other required software: Git

https://git-scm.com/downloads



--local-branching-on-the-cheap

Search entire site...

About

Documentation

Downloads

GUI Clients

Logos

Community

Downloads



macOS



Windows



Linux/Unix

Older releases are available and the [Git source](#)

Latest source Release

2.30.1

[Release Notes \(2021-02-08\)](#)

Download 2.30.1 for Windows

Required to get last development packages for the practicals

(Mac and Linux users may already have it on their computer!)

To check this enter « `git --version` » on your command line

```
(base) C:\Users\weber\Labo\Programmes Python\Git_others\FemtoUP2021\installation>git --version
git version 2.26.0.windows.1
```

Creating and using the environment

In the anaconda prompt

- Create a new environment

```
(base) C:\Users\weber\Labo\Programmes Python\Git_others\FemtoUP2021\installation>dir
Le volume dans le lecteur C n'a pas de nom.
Le numéro de série du volume est E425-BA9B

Répertoire de C:\Users\weber\Labo\Programmes Python\Git_others\FemtoUP2021\installation
18/03/2021  22:16    <DIR>          .
18/03/2021  22:16    <DIR>          ..
14/01/2021  10:36             66 .gitattributes
14/01/2021  10:36            1 849 .gitignore
25/02/2021  21:49    <DIR>          env
01/03/2021  16:24            478 env_install.yml
18/03/2021  21:24            268 env_install_pymodaq.yml
18/03/2021  22:16            1 061 958 install PyMoDAQ Femto.odp
01/03/2021  21:13            1 065 429 install.odp
01/03/2021  21:13            759 809 install.pdf
01/03/2021  15:31            271 578 install_linux.pdf
14/01/2021  10:36             1 093 LICENSE
14/01/2021  10:36             73 README.md
               10 fichier(s)              3 162 601 octets
               3 Rép(s)            301 847 945 216 octets libres

(base) C:\Users\weber\Labo\Programmes Python\Git_others\FemtoUP2021\installation>conda env create -f env_install_pymodaq.yml
```

```
(base) C:\Users\weber\Labo\Programmes Python\Git_others\FemtoUP2021\installation>conda env create -f env_install_pymodaq.yml
```

- Activate it

→ `conda activate pymodaq_femto`

- Try the Simulator :

→ `UP2021\installation>simulator`

- Try the Retriever

→ `installation>retriever`

- Try PyMoDAQ's Dashboard

→ `n>dashboard`

Now is your turn!

