

2023

Python user guide for ETH

Version: 1.0



Using YMLib DLL in Python

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1 General

This snippet allows the import of a DLL file that was written in VB.NET.

2 Prerequisites

This script assumes the following:

- This script has permission to access the folder in which the DLL file is located.
- This script has permission to execute the DLL file.
- You have python installed on your system (note, this was tested with Python 3.11, but is likely to work with most Python3 versions).

3 Installation

Installing the requirements

In the virtual environment of your Python project, run

```
pip install pythonnet
```

NOTE: Depending on how your python interpreter is setup, you may need to run

```
python3 -m pip install pythonnet
```

or

```
py -m pip install pythonnet
```

Installing the script in your project

At the top of the file in which you want to use the DLL functions, write:

```
import YMLib_DLL  
YMLib_DLL.loadYMLibDLL()  
import YMLib # this is the namespace from the DLL.
```

NOTE:

- The first line imports the script.
- The second line loads the Yamutec YMLib DLL.
- The third line imports the YMLib namespace from the DLL, which allows you to use allclasses from this DLL.

4 Configuration

This script assumes that the DLL is located in a subdirectory of your project, with the following path

```
project_root>assets>ymlib>Release
```

and is called: YMLib.dll.

If the DLL is located in another directory or has a different name, please change this in the *YMLib_DLL.py*.

5 Demo

You can find a demo of how to install and use the DLL in the file *demo.py*.