Using YMLib DLL in Python

About

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

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).

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 all classes from this DLL.

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*.

Demo

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