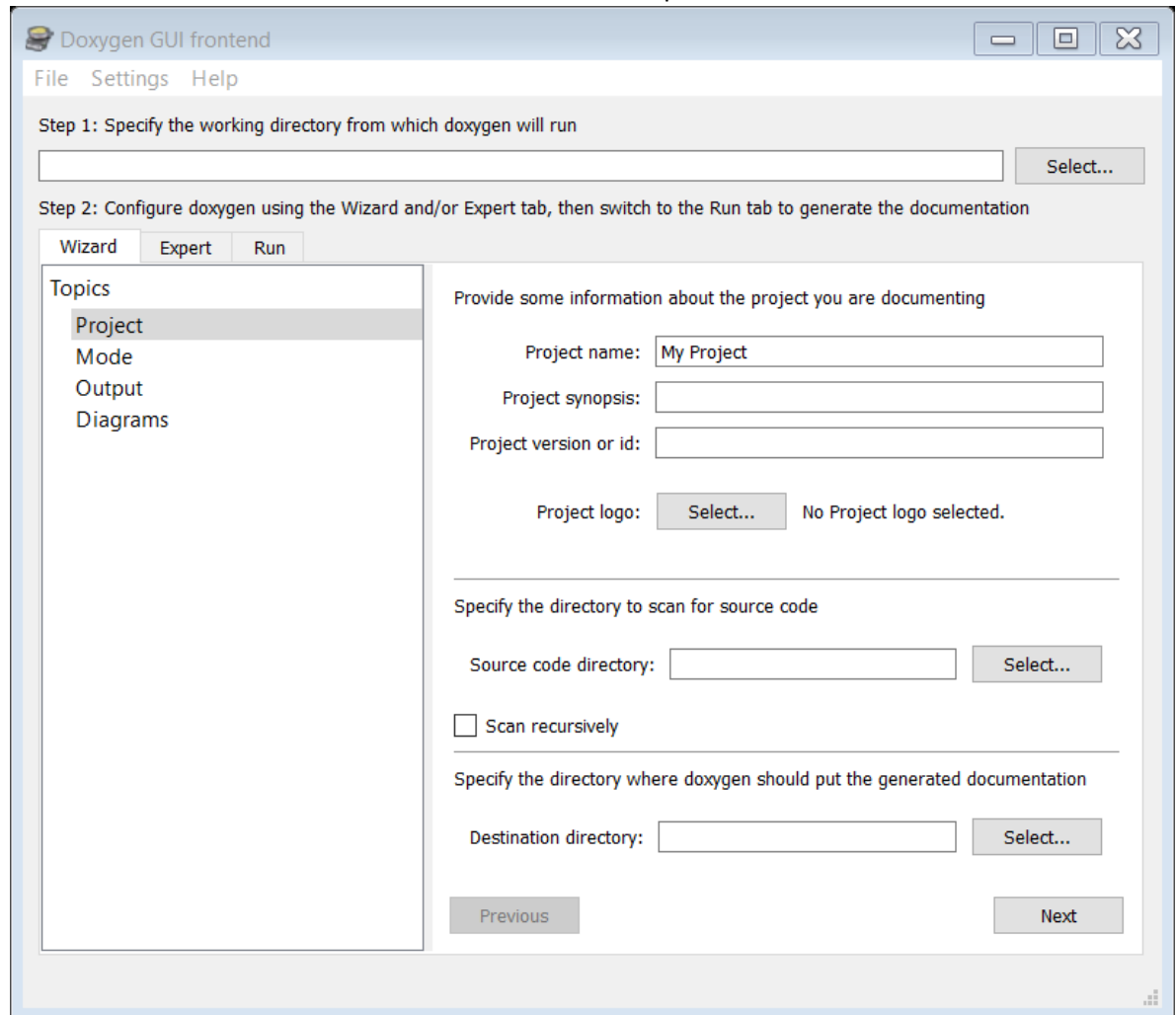


Doxygen guide

1. Download and install Doxygen from this link <https://www.doxygen.nl/download.html>
2. Temporarily everyone can create a local html with the documentation, to verify everything is working. The easiest way is to use the wizard, to do so configure the wizard. It can be found in the path where doxygen was installed inside the "bin" subdirectory. The wizard is called "doxywizard.exe".
3. In the GUI there are several steps to make it work.



Step 1: Create a directory called "doc" inside the code directory. Select the path to the "doc" directory.

Step 2: Set the name of the project it can be "Trading bot".

In the project synopsis you can write your name to identify everyone's documentations.

Select the directory where the code is stored. It is important to enable the "Scan recursively" so Doxygen detects all the subdirectories.

Select the destination directory, it is where the documentation will be stored. You can select the previously created "doc" directory.

Click next.

Step 3: In the “Mode” window, select “All entities” and click next.

Step 4: In the “Output” window, disable the “LaTeX”, then click next.

Step 5: In the “Diagrams” window just click next.

4. Now that everything is configured, you can document your code and when you are ready click run in the “Run” window. When the process is completed, you can press “Show HTML output” at the button left corner to see the HTML output.
5. At the code directory in the “doc” subdirectory, there will be a new subdirectory called “html” and a file called “Doxyfile”. If you close the wizard, you can open it again and in file you can open the file “Doxyfile” and all the configurations will be recovered and you can use it to run again the wizard to make changes in the documentation. In the “html” directory you will find a file called “index” you can open it to see the documentation without running the wizard.

For documenting the code see the following link <https://www.doxygen.nl/manual/docblocks.html>
In this link, it uses as an example Java, so it is documented using “/** */” and “//”. But we are using Python, therefore “### #” should be used.

Also there is an example in the git repository, called “DoxygenExample.py”.