

Get started in Quarto

Installation

Most of this part is done on the official website of Quarto. Please, refer to the website.

- Download the appropriate QuartoCLI for your system on the website

Here is an example of what you are supposed to get for a windows configuration.

- Once the download completed, you need to run the downloaded file on your computer

Now you just have to follow the steps according to what you want yourself and finish it. Of course, we are continuing the example for a windows system.

You might run into issues for this part. Please refer to the documentation on the website

That's it! You've successfully installed Quarto on your computer Now let's start doing the interesting part. We want to write some code, do some nice presentation, documents, pdfs and even websites like this one.

First things first, we need to choose our favorite development tool/editor or our mix of editor.

Editors

VSCode RStudio Jupyter Neovim

VSCode

After installing Visual Studio Code, you need to install the quarto extension to be able to build a project with it.

On VSCode, things are pretty simple. To create a quarto document, you just need to give it the correct extension (qmd).

Quarto can render multiple formats on Visual Studio Code (pdf, html, word, markdown etc.) In addition to that, it is possible in a Quarto file to render a Jupyter Notebook as a .qmd file or .ipynb file.

We will later on, cover how specifically we preview and render files with Quarto on VS Code.

RStudio

The minimal version of R Studio that has support to Quarto is RStudio v2022.07. Later versions of R Studio are also good candidates. We will not go through the installation of RStudio itself. We assume you to understand how it is done.

Creating documents

To create a Quarto document, you go to: File:New file: Quarto Document. And again for a Quarto Presentation, you select the appropriate button Quarto Presentation.

We will later on, cover how specifically we preview and render files with Quarto on RStudio.

Jupyter Lab

Jupyter Lab is a little bit different because we use it to create `.ipynb` files. But Quarto is integrated in Jupyter Lab so that it is possible to write YAML options to knit a notebook.

Neovim

message