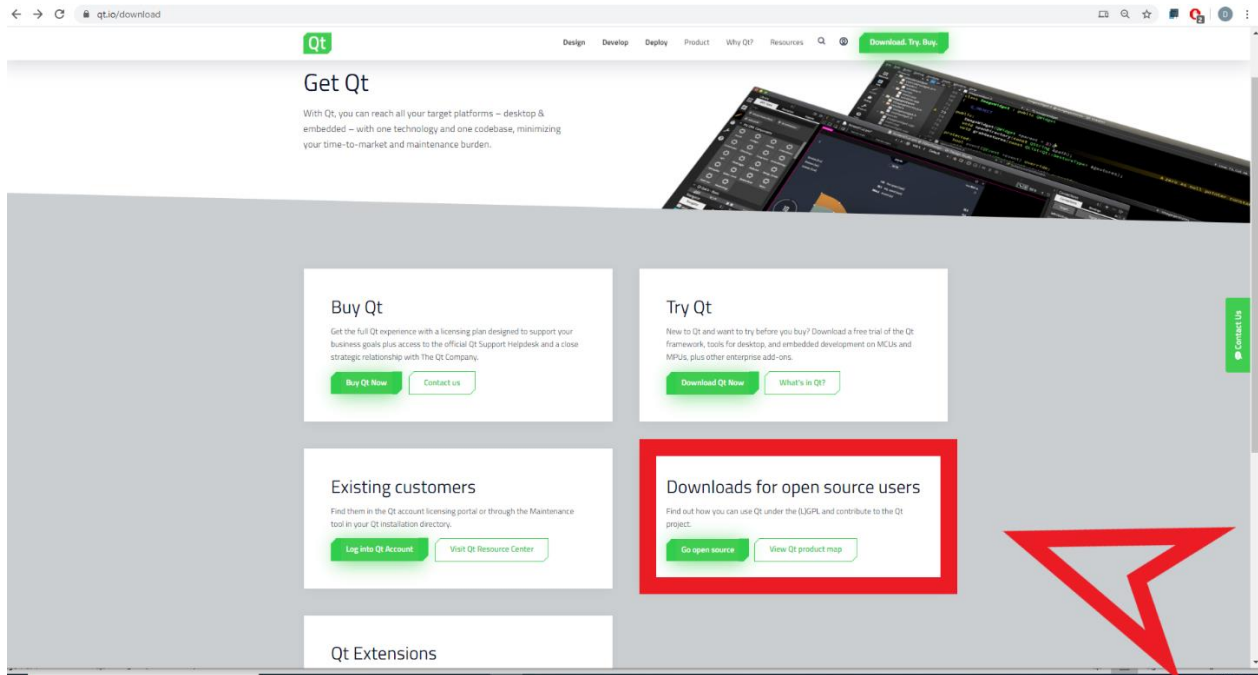


Installing Qt

1. Download Qt

Go to the Qt download page: <https://www.qt.io/download> and go to the Open Source download section:



Download the open source version of Qt that is suitable for your operating system.

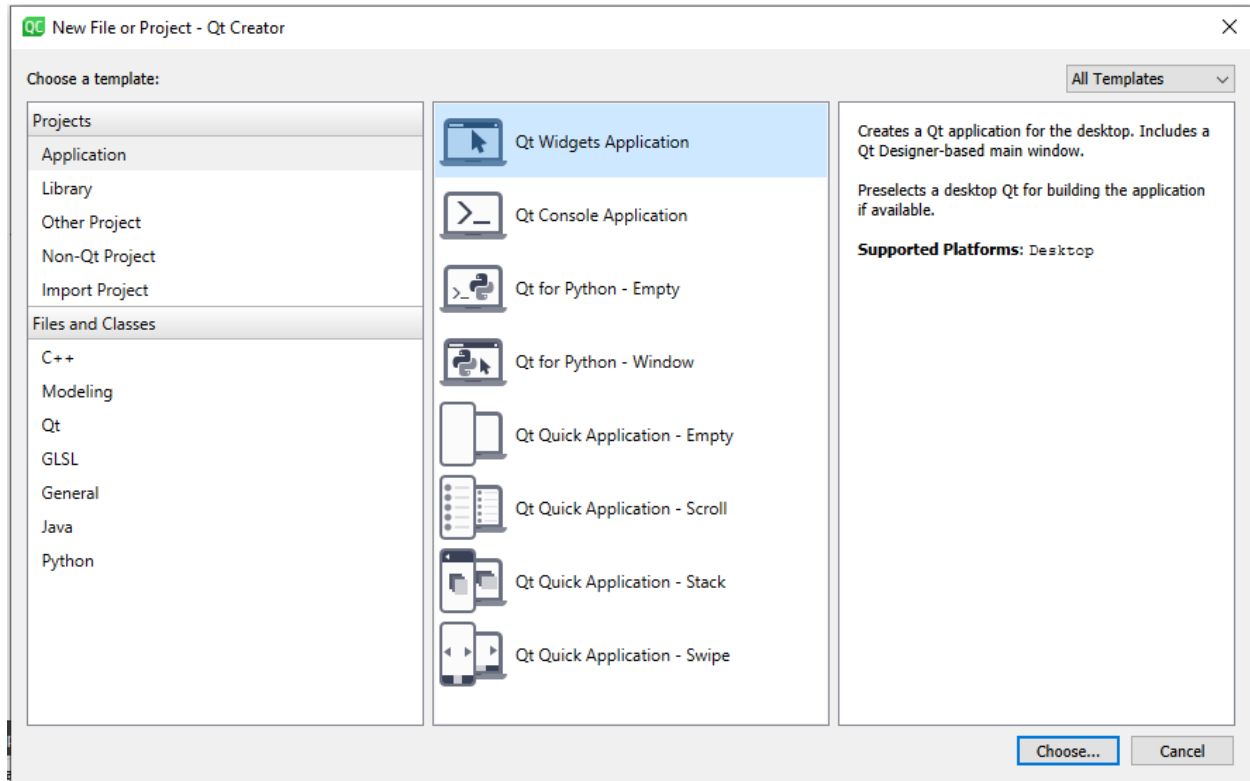
Start the installation. You need to create a Qt account for this!

Please note that the installation will take a while and you will need a good Internet connection.

Important!! Make sure you install the prebuilt components for the compiler you are using - MSVC2019 (they are compatible with MSVC20107), charts and data visualization components (optionally), Qt Creator (if you plan to use this IDE) and debugging tools.

2. A) Use the QtCreator IDE to build Qt applications

QtCreator was installed with the Qt Framework, so all you need to do is to open **QtCreator** and create a new Qt Widgets Application and you are good to go. Easy peasy, no? 😊



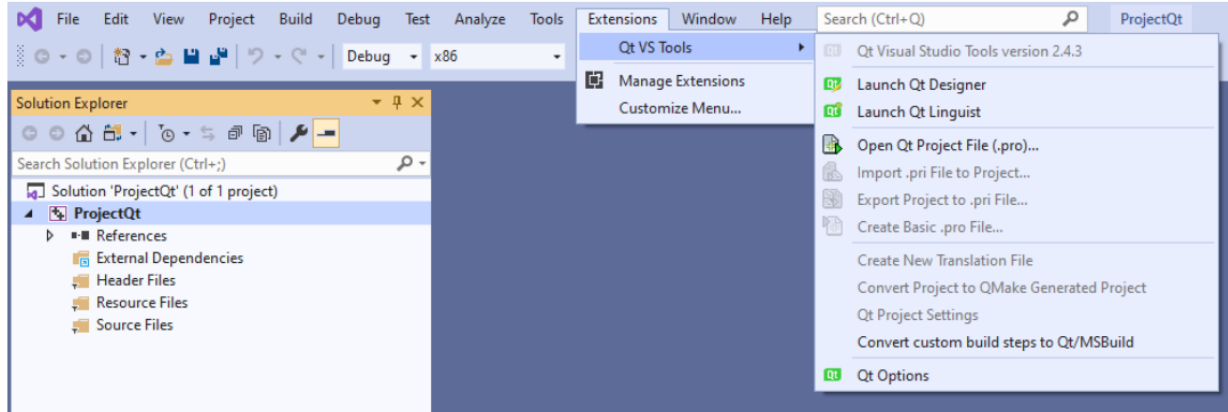
2. B) Use Visual Studio to build Qt applications

If you want to continue using Visual Studio, you need to also install **the Qt Visual Studio Tools**:

<https://marketplace.visualstudio.com/items?itemName=TheQtCompany.QtVisualStudioTools>

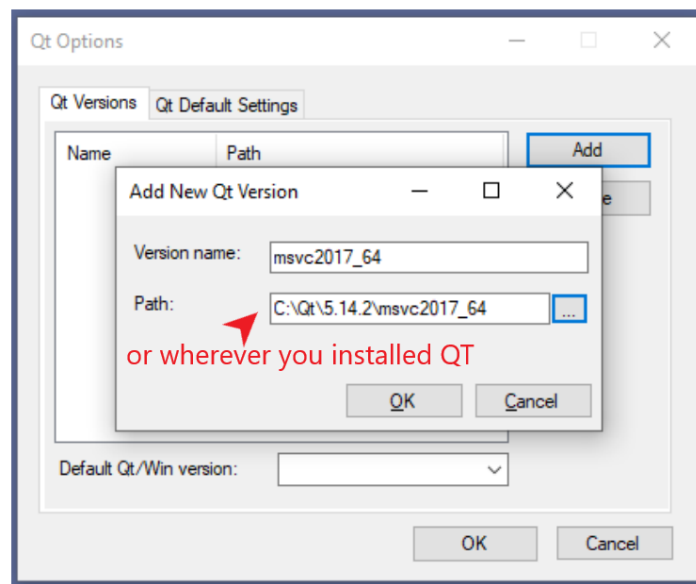
!!!! Make sure Visual Studio is not running during installation.

If everything worked ok, you should find the Qt Visual Studio Tools under the “Extensions” section (Menu bar->Extensions):



Now you need to add the path to the Qt framework: Menu bar-> Extensions -> Qt VS Tools -> Qt Options-> Add button.

Use the folder where you installed Qt (in this case, the folder is C:\Qt) and the version you downloaded.

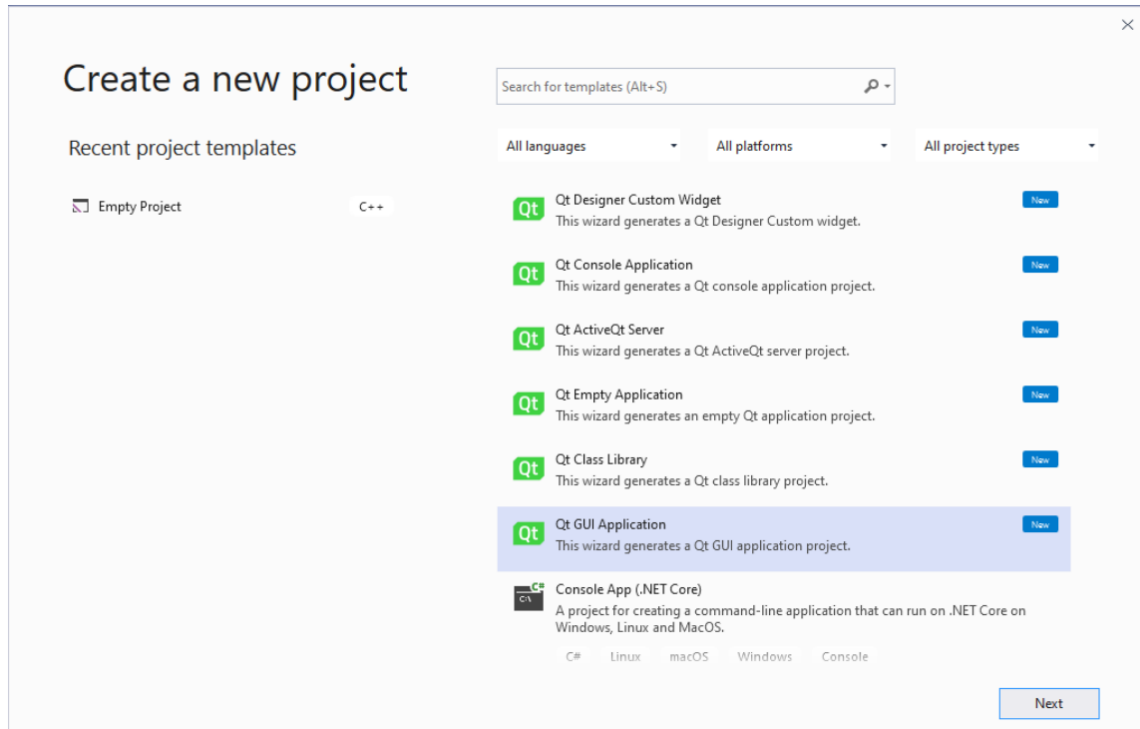


Restart Visual Studio.

Now you are ready to create a new project in Visual Studio using Qt:

From the menu bar, select “File” -> “New” -> “Project”.

In the “New Project” window you should see several types of Qt related projects. Select “Qt GUI Application” and continue.



In the following dialogs, keep the default settings (Next -> Next -> Finish).

Now you are done! You can start developing Qt application using Visual Studio.