

# Get Qt & QA

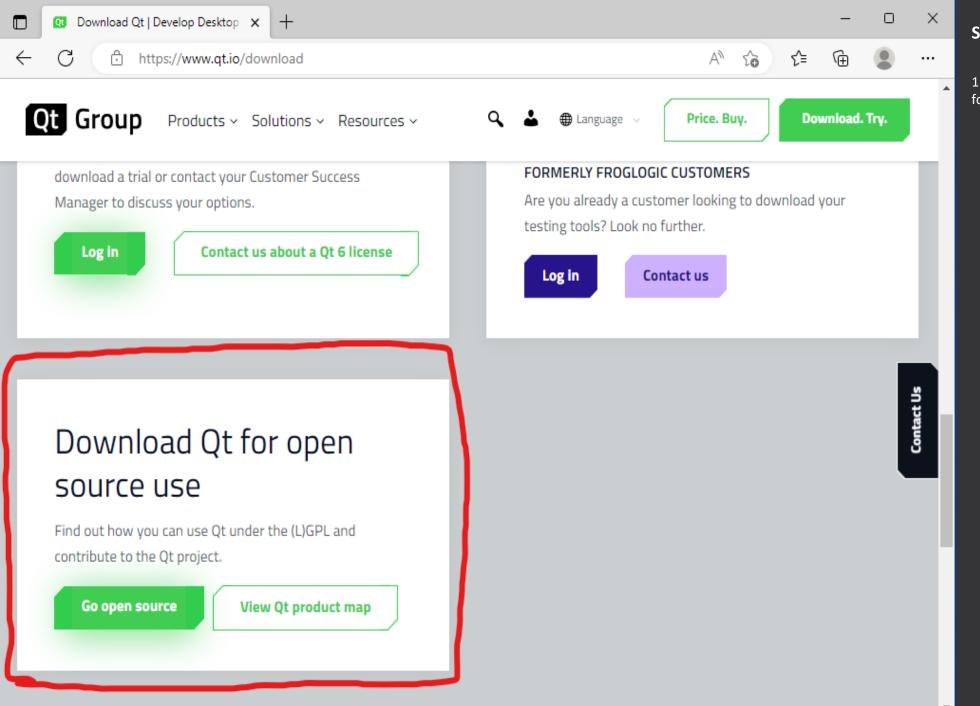
Take your software development to the next level with Qt - and now, elevate and automate your testing with our complete quality assurance tools.

Browse Qt Framework and Tools > Browse Quality
Assurance Tools >

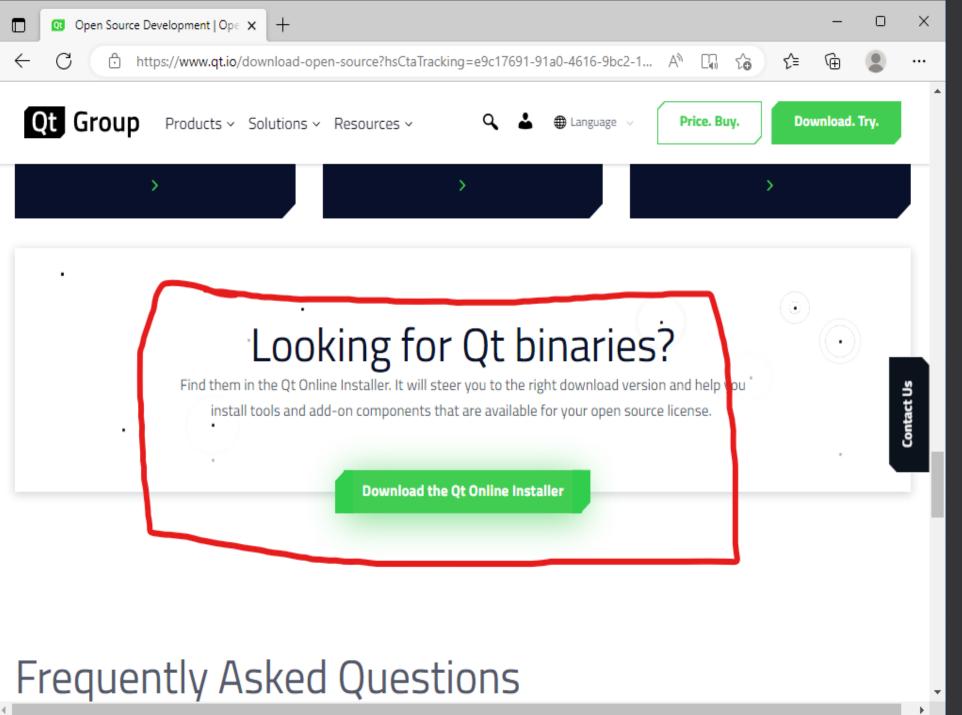


## Steps:

1.) Go to website: https://www.qt.io/download



1.) Scroll down the page and select the following highlighted link: *Go open source*.



- 1.) Scroll down and select the following link to download the installer: *Download the Qt Online Installer*.
- 2.) Once downloaded, open the installer.



# X

0

Steps:

1.) Login. Create an account if needed.

## Welcome to the Qt online installer

#### Welcome

Setup - Qt

Installation Folder

Select Components

License Agreement

Start Menu shortcuts

Ready to Install

Installing

Finished

Log in to Qt Account

Forgot password?

Password

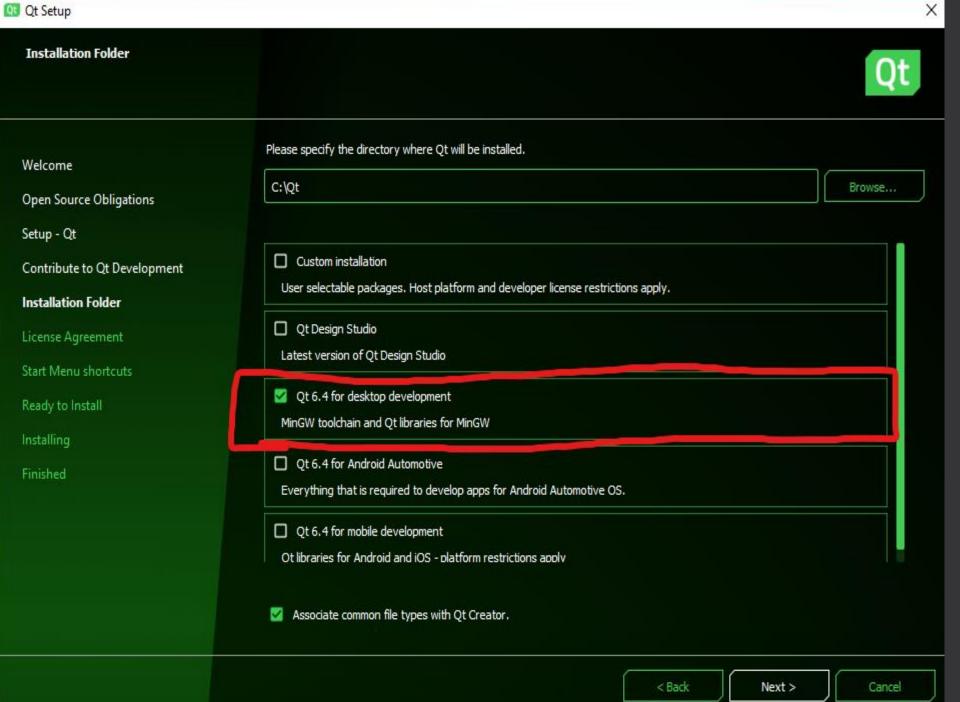
Don't have Qt account? Sign up

The Qt Account will give you access to Qt downloads, exclusive services, bug reports, code review, and forums & wiki.

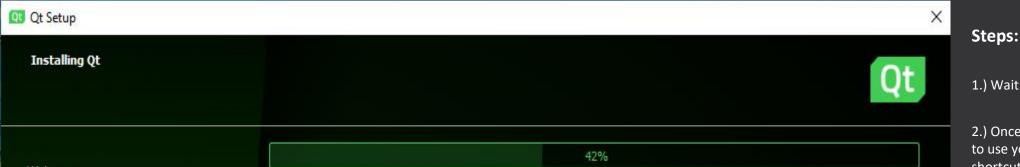
Looking for Squish, the automated GUI testing framework? Click here to download or try it.

Next

Cancel



- 1.) Select an installation folder.
- 2.) Select the checkbox highlighted in the screenshot: *Qt 6.4 for desktop development*.



Unpacking components...

Qt

Show Details

- 1.) Wait for install to finish.
- 2.) Once finished, open Qt Creator. Might have to use your search bar to find it, if no desktop shortcut was added.

Welcome

Open Source Obligations

Setup - Qt

Contribute to Qt Development

Installation Folder

License Agreement

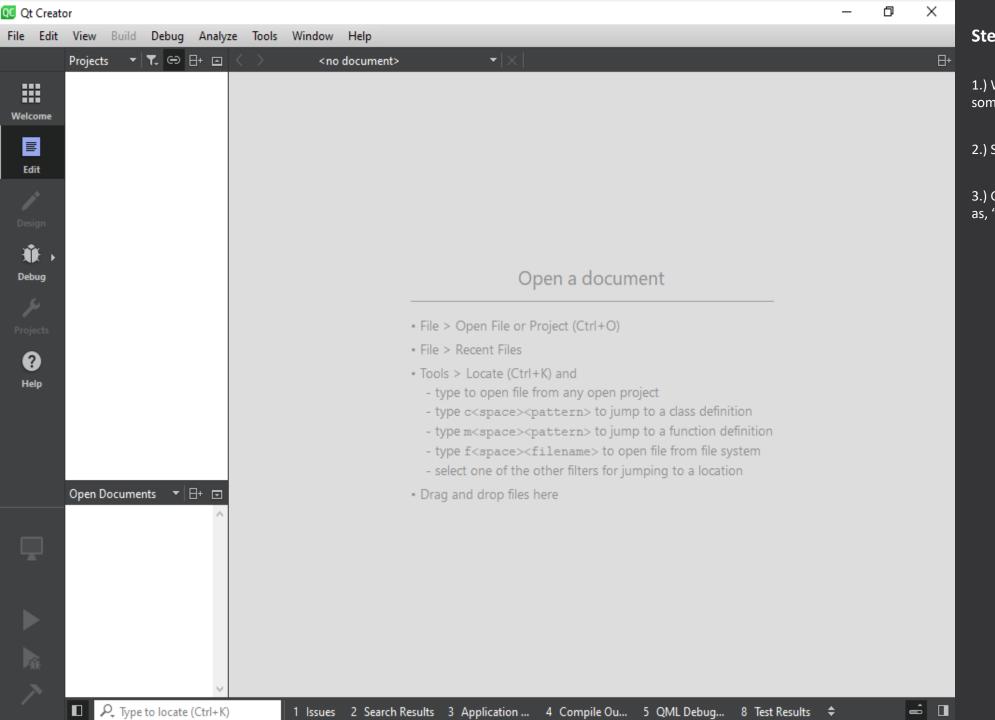
Start Menu shortcuts

Ready to Install

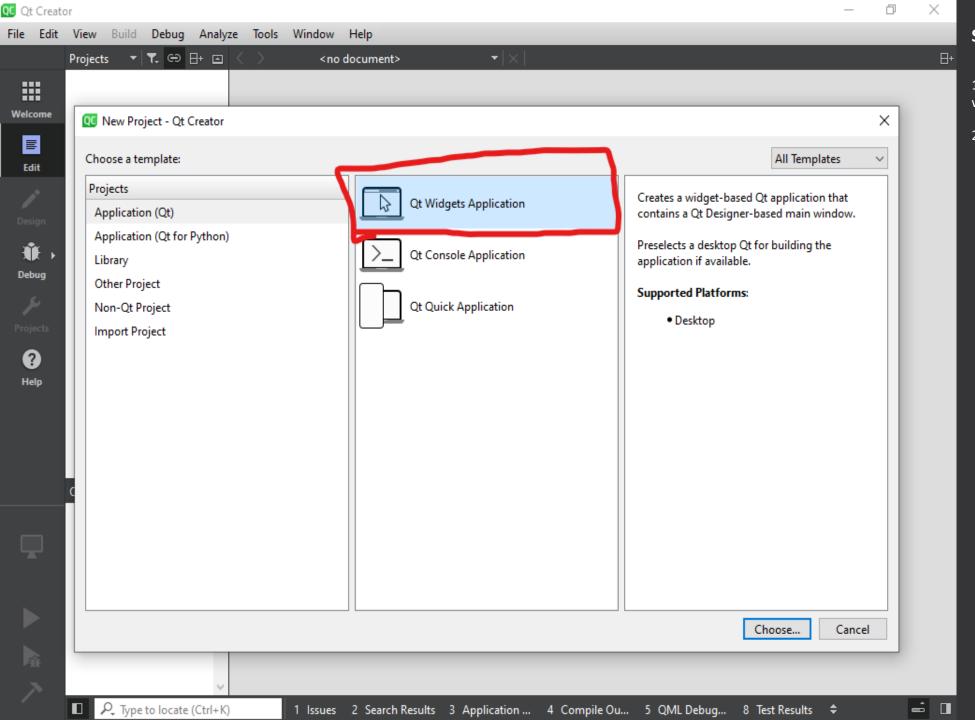
Installing

Finished

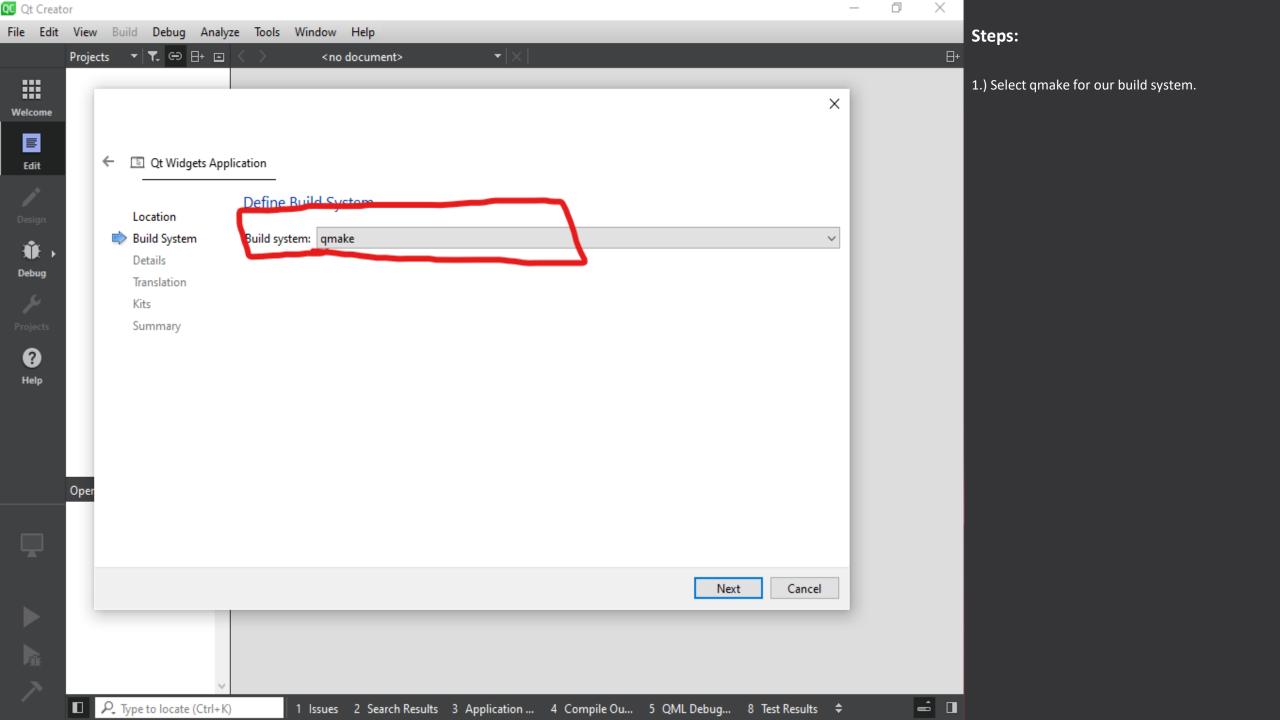
Cross-platform GUI testing for desktop, mobile, embedded, and web applications with Squish.

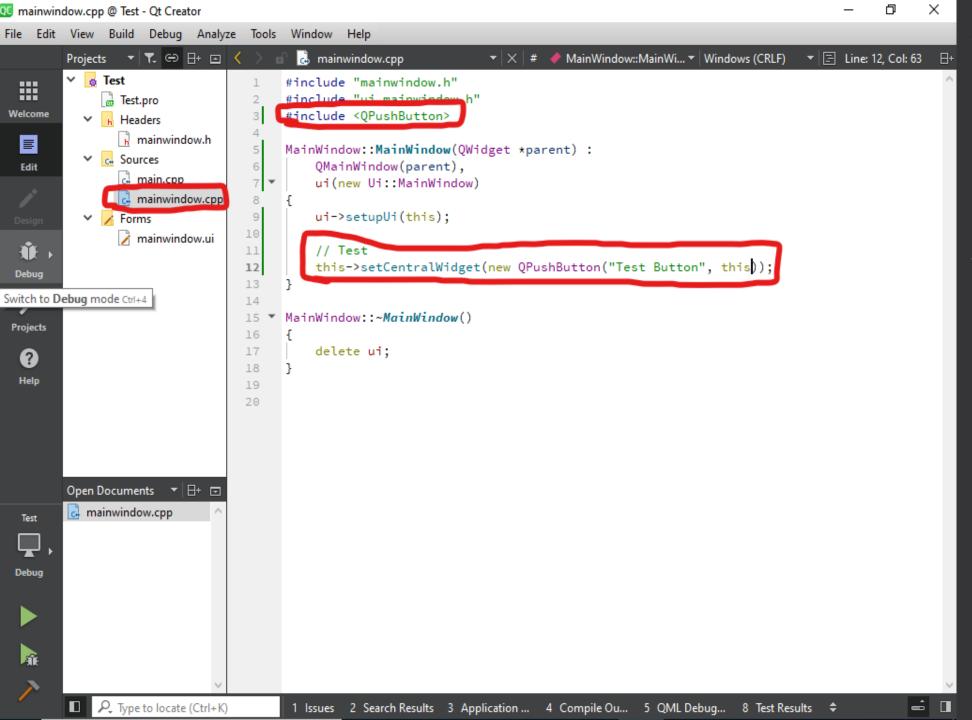


- 1.) With Qt Creator opened you should see something similar to the screenshot.
- 2.) Select File->New Project
- 3.) Give the project a meaningful name, such as, "Qt\_CSE240\_Part\_01"



- 1.) Select Application (Qt) under the Projects window.
- 2.) Select Qt Widgets Application.





- 1.) Open the mainwindow.cpp file.
- 2.) Include the <QPushButton> header.
- 3.) Add the following test code inside the MainWindow constructor: this->setCentralWidget(new QPushButton("Test Button", this));
- 4.) Select the green run button in the bottom left or use Ctrl+R hotkey.

