How to install Qt

In this guide, I show how to install Qt.

Requirements

You need to download Qt from here: https://www.qt.io/.

In this guide, I have used the online installer to install Qt 5.15.
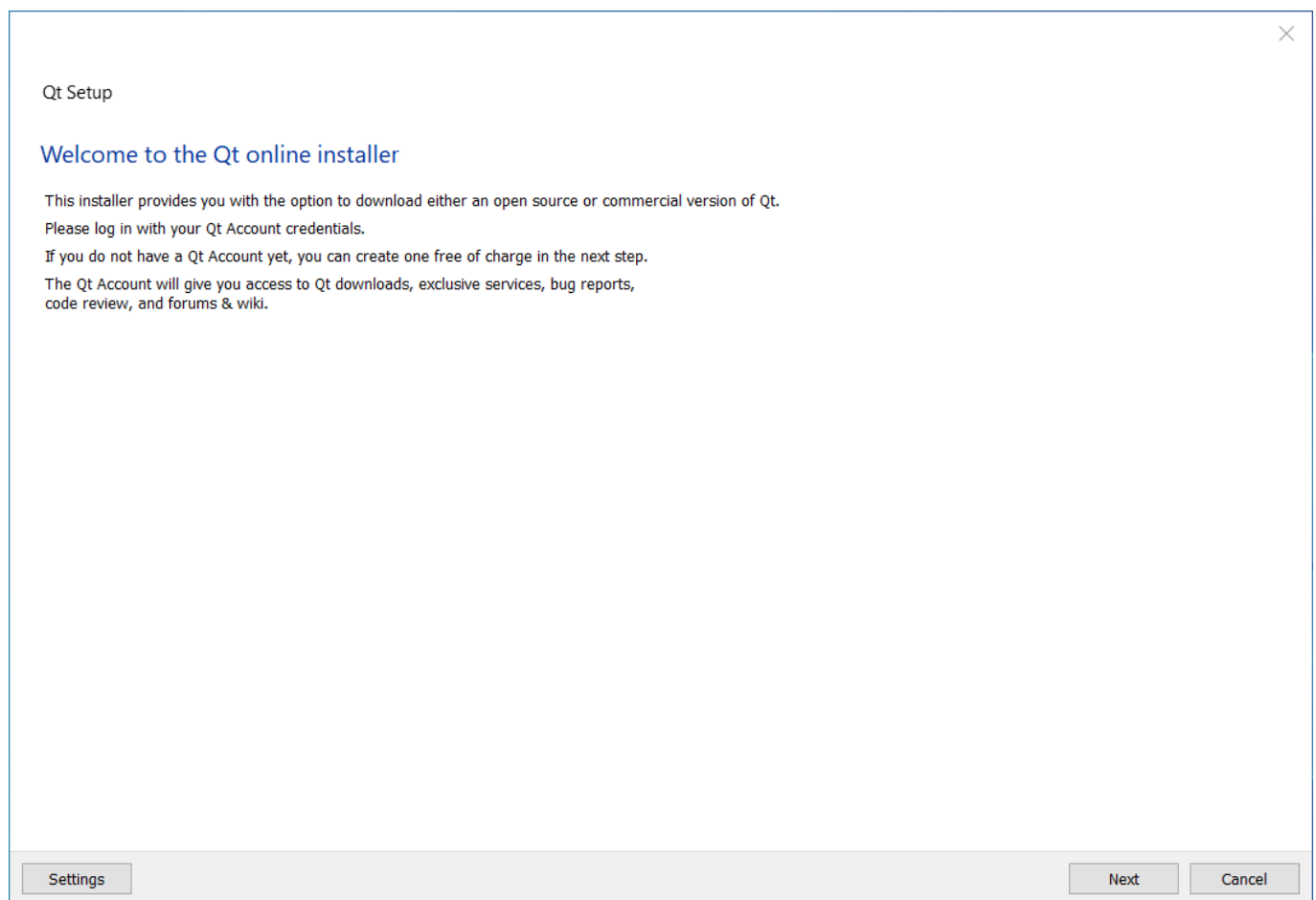
Steps

Follow the below steps to install Qt.

Step 1

Run the Qt installer.

When done, you should see the following window:

Step 2

Left click on the "Next" button.

When done, you should see the following window:

Step 3

Either:

1. Log-in with your Qt Account,

   or
2. Sign-up for a Qt Account.

Left click on the "Next" button.

When done, you should see the following window:

✕

←   Qt Setup

Qt Open Source Usage Obligations

Qt Open Source version is available under GPLv 2, GPL v3 or LGPL v3.
Please read and accept the Open Source Usage Obligations below. Reading the link below helps you choosing the right license for your project.
Choosing the right license for your projects
Buy Qt

GPL v2, GPL v3 and LGPL v3 obligations

- You must not combine code developed with a commercial Qt license with code developed with an open source license of Qt in one project or product
- Provide a re-linking mechanism for Qt libraries
- Provide a license copy & explicitly acknowledge Qt use
- Make a Qt source code copy available for customers
- Accept that Qt source code modifications are non-proprietary
- Make "open" consumer devices
- Accept Digital Rights Management terms, please see the GPL FAQ
- Take special consideration when attempting to enforce software patents FAQ

☑ I have read and approve the obligations of using Open Source Qt

Please enter your company/business name

```
[                                                                                    ]
```

☑ I am an individual person not using Qt for any company

Settings		Next	Cancel

Step 4

Left click on the "I have read and approve the obligations of using Open Source Qt" checkbox.

Left click on the "I am an individual person not using Qt for any company" checkbox.

Left click on the "Next" button.

When done, you should see the following window:

×

←   Qt Setup

Contribute to Qt Development

Help us improve Qt and Qt Creator by allowing tracking of pseudonymous usage data in Qt Creator. The tracking can be disabled at any time.

Read the Qt Company data collection privacy statement.

⦿ Help us to improve by enabling sending pseudonymous usage statistics in Qt Creator
◯ Disable sending pseudonymous usage statistics in Qt Creator

Next   Cancel

Step 5

Left click on the "Help us to improve by enabling sending pseudonymous statistics in Qt Creator" radio button.

Left click on the "Next" button.

When done, you should see the following window:

×

←   Qt Setup

Installation Folder

Please specify the directory where Qt will be installed.

| C:\Qt | Browse... |

☑ Associate common file types with Qt Creator.

| Next | Cancel |
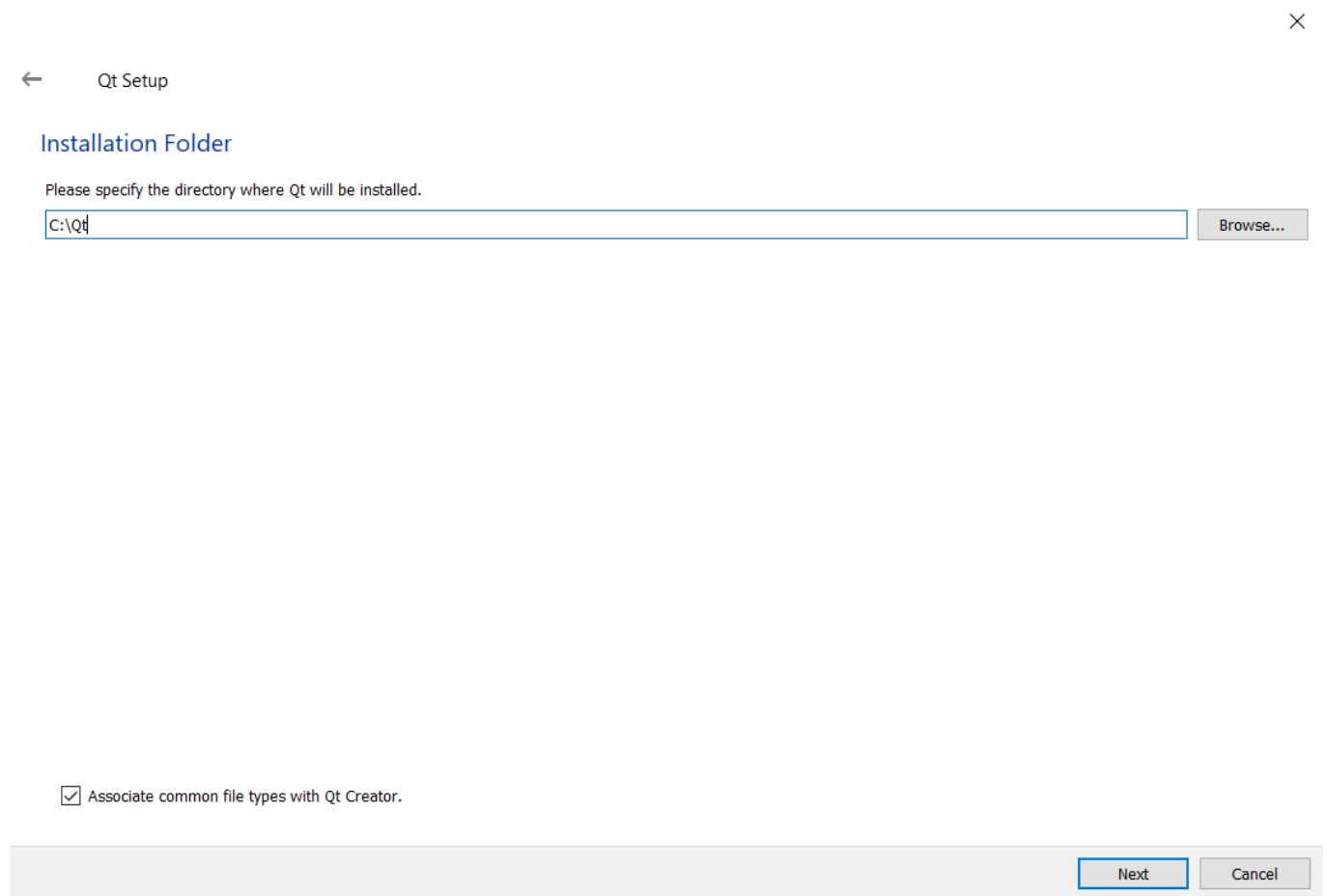
Step 6

Left click on the "Next" button.

When done, you should see the following window:

Step 7

Left click on the arrow next to the Qt 5.15.0 option.

Left click on the "MinGW 8.1.0 64-bit" option.

I also recommend selecting the "MSVC 2019 64-bit" option.

When done, you should see the following window:

×

←   Qt Setup

License Agreement

Please read the following license agreements. You must accept the terms contained in these agreements before continuing with the installation.

Qt Installer LGPL License Agreement
Python Software Foundation License Version 2
MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT WINDOWS SOFTWARE DEVELOPMENT KIT (SDK) FOR WINDOWS 10

GENERAL

Qt is available under a commercial license with various pricing models and packages that meet a variety of needs. Commercial Qt license 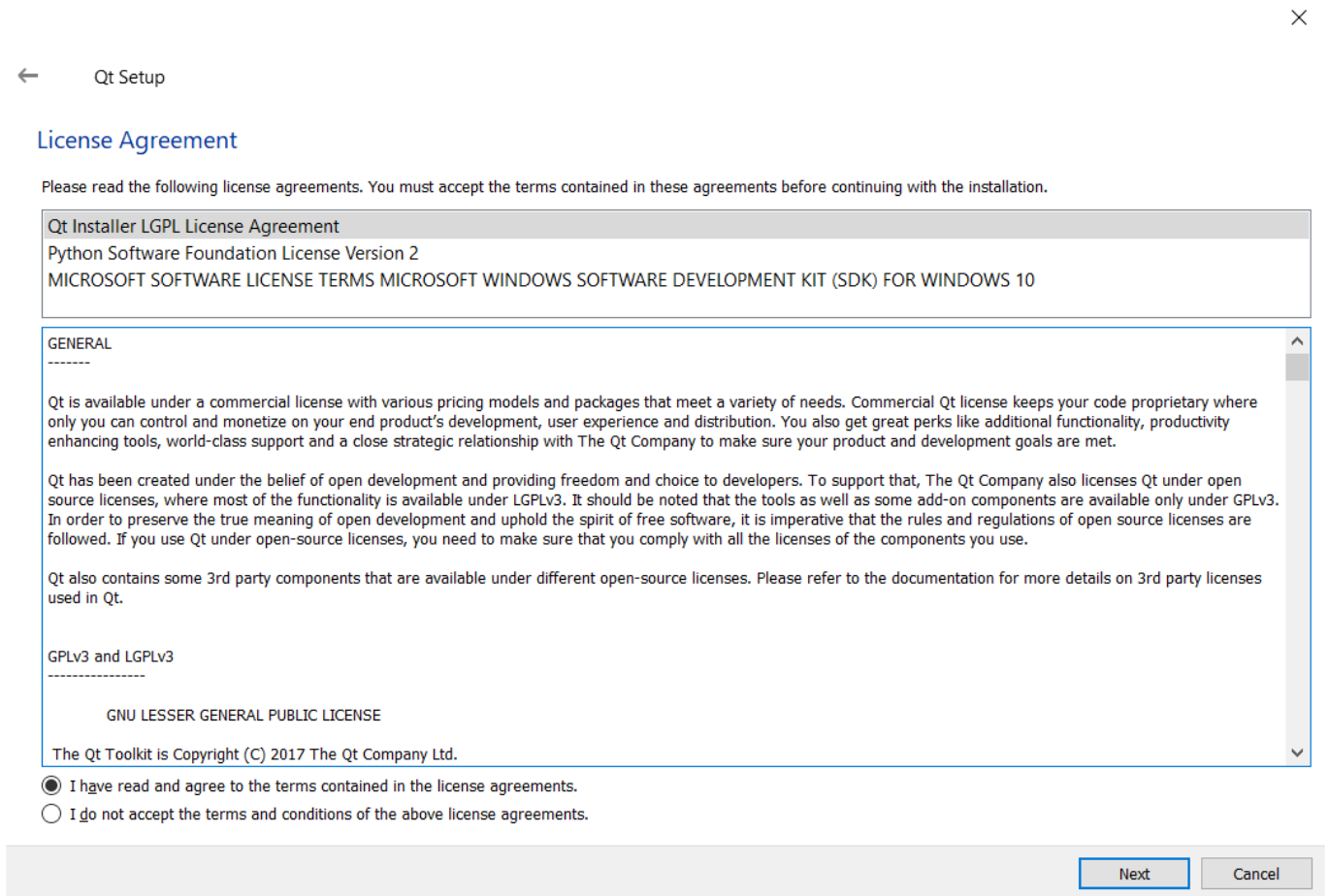keeps your code proprietary where only you can control and monetize on your end product's development, user experience and distribution. You also get great perks like additional functionality, productivity enhancing tools, world-class support and a close strategic relationship with The Qt Company to make sure your product and development goals are met.

Qt has been created under the belief of open development and providing freedom and choice to developers. To support that, The Qt Company also licenses Qt under open source licenses, where most of the functionality is available under LGPLv3. It should be noted that the tools as well as some add-on components are available only under GPLv3. In order to preserve the true meaning of open development and uphold the spirit of free software, it is imperative that the rules and regulations of open source licenses are followed. If you use Qt under open-source licenses, you need to make sure that you comply with all the licenses of the components you use.

Qt also contains some 3rd party components that are available under different open-source licenses. Please refer to the documentation for more details on 3rd party licenses used in Qt.

GPLv3 and LGPLv3

      GNU LESSER GENERAL PUBLIC LICENSE

The Qt Toolkit is Copyright (C) 2017 The Qt Company Ltd.

◉ I have read and agree to the terms contained in the license agreements.
◯ I do not accept the terms and conditions of the above license agreements.
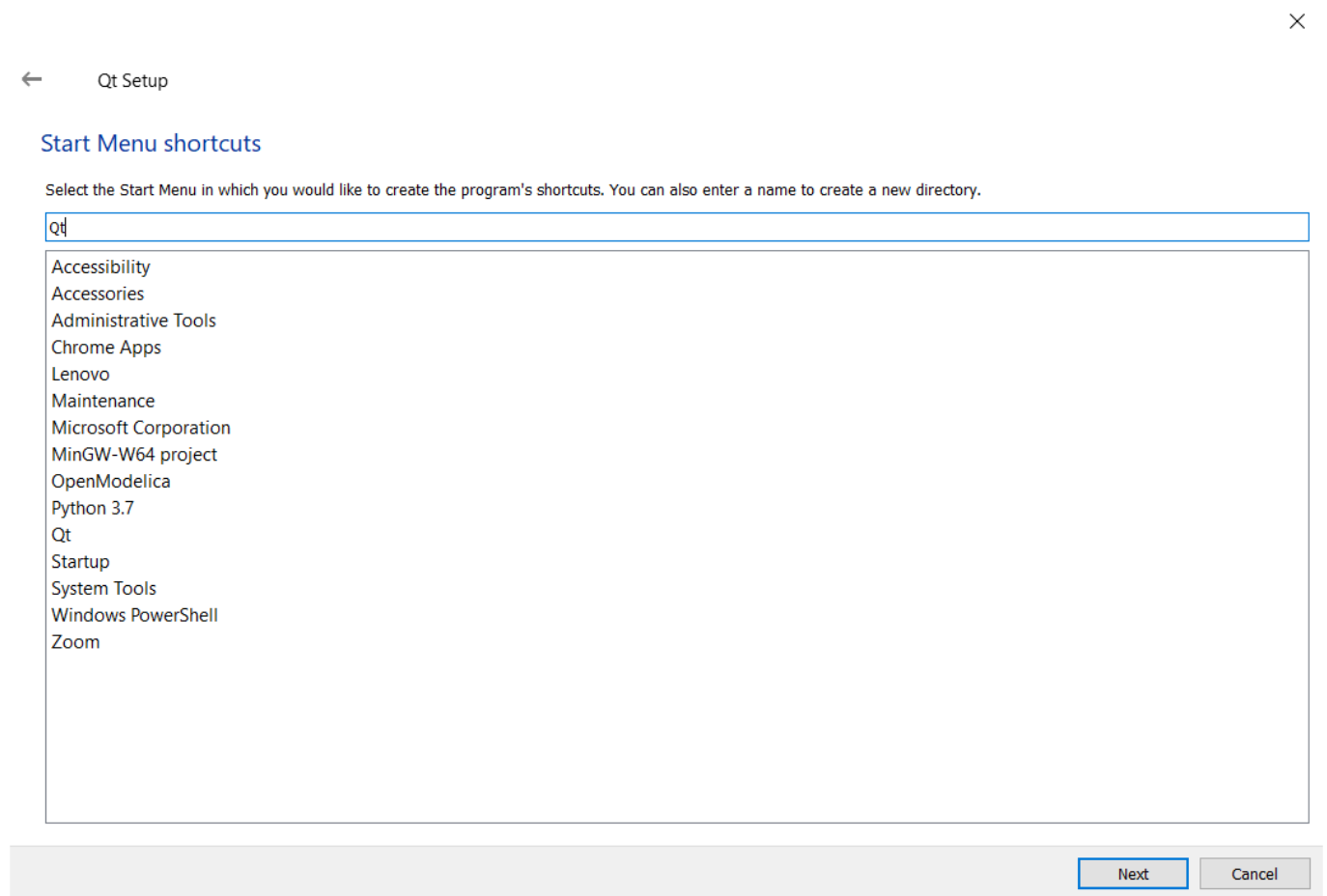
Next   Cancel

Step 8

Left click on the "I have read and agree to the terms contained in the license agreements" radio button.

Left click on the "Next" button.

When done, you should see the following window:

×

←   Qt Setup

Start Menu shortcuts

Select the Start Menu in which you would like to create the program's shortcuts. You can also enter a name to create a new directory.

Qt

```
Accessibility
Accessories
Administrative Tools
Chrome Apps
Lenovo
Maintenance
Microsoft Corporation
MinGW-W64 project
OpenModelica
Python 3.7
Qt
Startup
System Tools
Windows PowerShell
Zoom
```

Next   Cancel

Step 9

Left click on the "Next" button.

When done, you should see the following window:

✕

←   Qt Setup

Ready to Install

Setup is now ready to begin installing Qt on your computer. Installation will use 2.14 GB of disk space.

| Install | Cancel |

Step 10

Left click on the "Install" button.

When done, Qt will begin installing.

Step 11

Left click on the "Finish" button.

Conclusion

If you've followed these steps correctly, you have installed Qt.

Credit

Dr Frazer K. Noble
Department of Mechanical and Electrical Engineering
Massey University
Auckland
New Zealand