

# Setting Up Nimble

**Nimble** is a package manager for the Nim programming language. It is delivered with **Nim** and uses the Nim compiler to generate executables that are supported on Windows, Linux, and macOS.

To use Qt Creator for Nim development, you need to enable the experimental Nim plugin. Select **Help > About Plugins > Other Languages > Nim**. Then select **Restart Now** to restart Qt Creator and load the plugin.

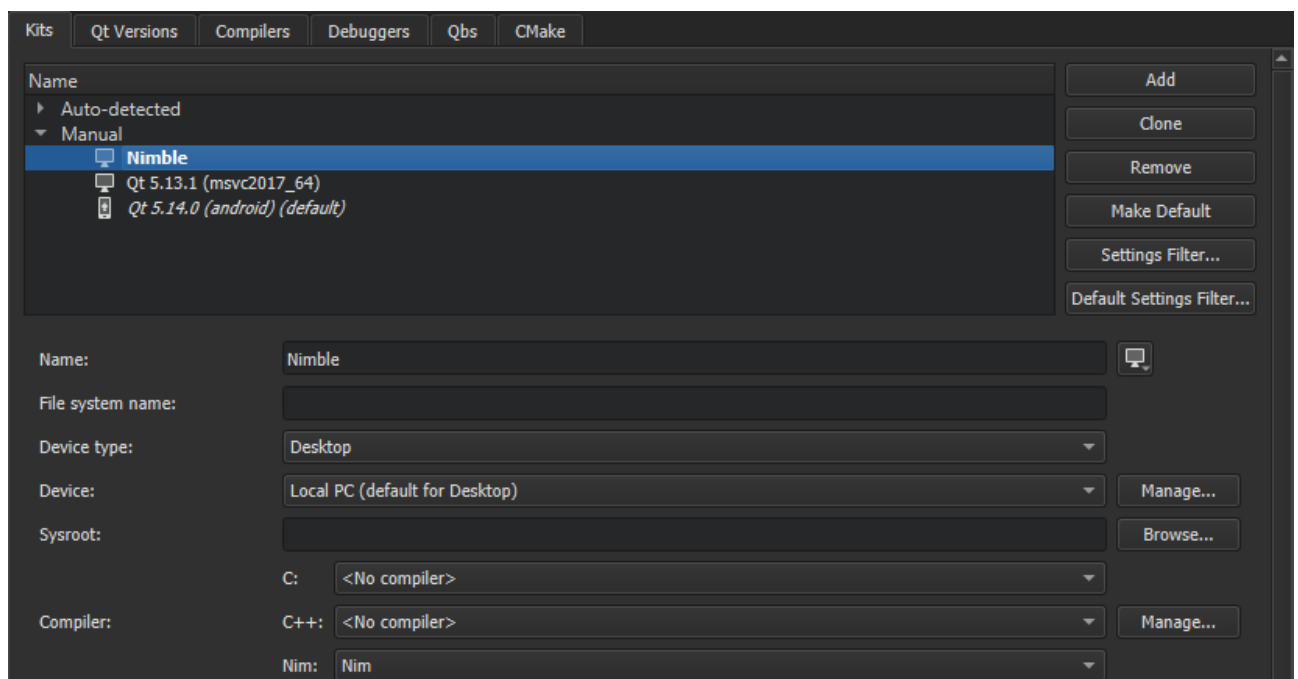
In addition, you have to download and install Nim and set up a Nim kit in Qt Creator.

You can use wizards to create Nim and Nimble projects.

## Setting Up the Development Environment

To configure Qt Creator to build Nim executables:

1. Select **Edit > Preferences > Kits Compilers > Add > Nim** to specify the path to the the Nim compiler.
2. Select **Apply** to add the compiler.
3. Select **Kits > Add** to add a kit for building applications with Nimble:



1. In the **Name** field, specify a name for the kit.
2. In the **Compiler** group, **Nim** field, select the Nim compiler you added above.

# Creating Nimble Applications

To use a wizard to create boilerplate files for a Nim package that is managed with Nimble:

1. Select **File > New Project > Non-Qt Project > Nimble Application**.
2. Specify the name and location of the application.
3. Select **Next**.
4. Specify information about your application package.

The screenshot shows the 'Nimble Application - Qt Creator' dialog box with the 'Define Project Configuration' step selected. The left sidebar has 'Location', 'Configuration' (selected), 'Kits', and 'Summary'. The main area contains the following fields:

Type:	Binary
Author:	
Description:	
Version:	0.1.0
License:	MIT
Backend:	C
Min Nim Version:	1.0.0

At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

5. Select **Next** to create the project.

[◀ Setting Up a Generic Project](#)

[Setting Up Meson ▶](#)

© 2022 The Qt Company Ltd. Documentation contributions included herein are the copyrights of their respective owners. The documentation provided herein is licensed under the terms of the [GNU Free Documentation License version 1.3](#) as published by the Free Software Foundation. Qt and respective logos are trademarks of The Qt Company Ltd in Finland and/or other countries worldwide. All other trademarks are property of their respective owners.



Contact Us

Company

- About Us
- Investors
- Newsroom
- Careers
- Office Locations

Support

- Support Services
- Professional Services
- Partners
- Training

Community

- Contribute to Qt
- Forum
- Wiki
- Downloads
- Marketplace

Licensing

- Terms & Conditions
- Open Source
- FAQ

For Customers

- Support Center
- Downloads
- Qt Login
- Contact Us
- Customer Success