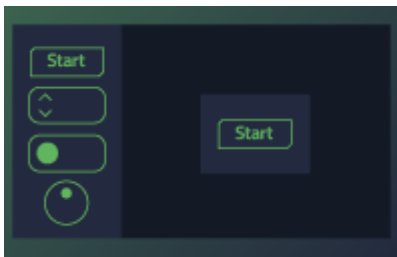


Designing User Interfaces



Qt Creator provides an integrated visual editor designing widget-based applications in the **Design** mode. The integration includes project management and code completion.

You can develop Qt Quick applications in the **Edit** mode or use a separate visual editor, Qt Design Studio.

> [Developing Qt Quick Applications](#)

You can use wizards to create Qt Quick projects containing boiler-plate code that you can edit in the **Edit** mode.

> [Developing Widget Based Applications](#)

Widgets and forms created with Qt Designer are integrated seamlessly with programmed code by using the Qt signals and slots mechanism that allows you to easily assign behavior to graphical elements. All properties set in Qt Designer can be changed dynamically within the code. Furthermore, features such as widget promotion and custom plugins allow you to use your own widgets with Qt Designer.

> [Optimizing Applications for Mobile Devices](#)

Before starting application development, analyze and define the requirements, scope, and functionality of the application to ensure efficient functionality and a smooth user experience on mobile devices.

< [Managing Sessions](#)

[Developing Qt Quick Applications](#) >

© 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