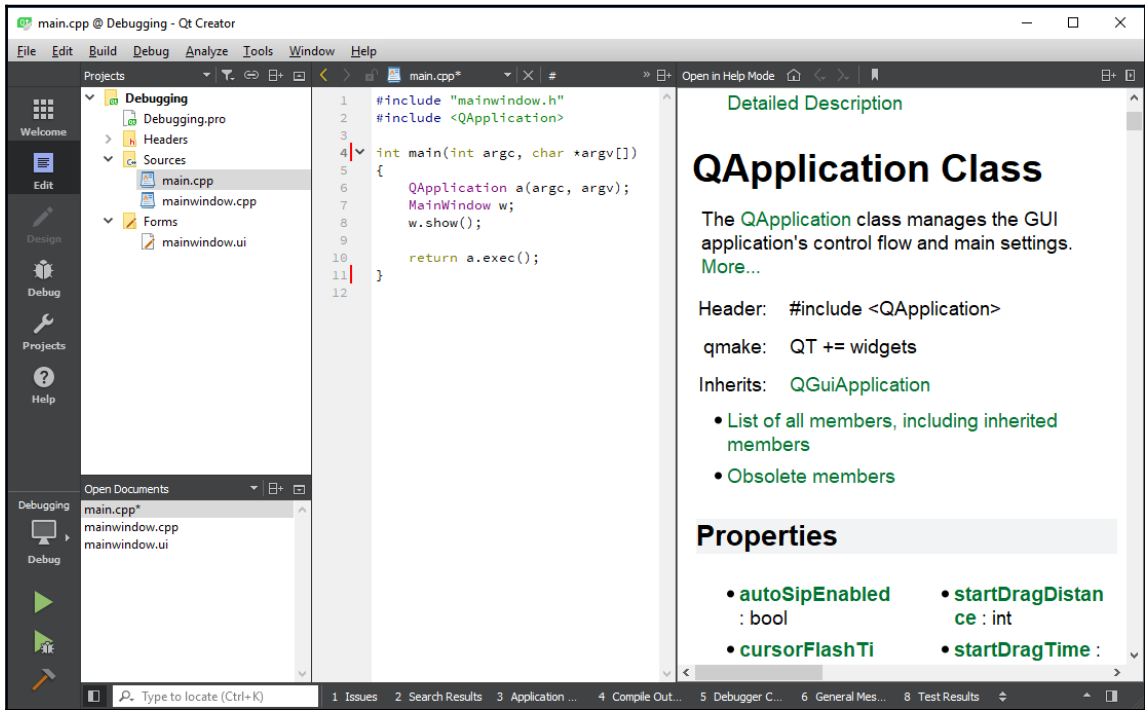
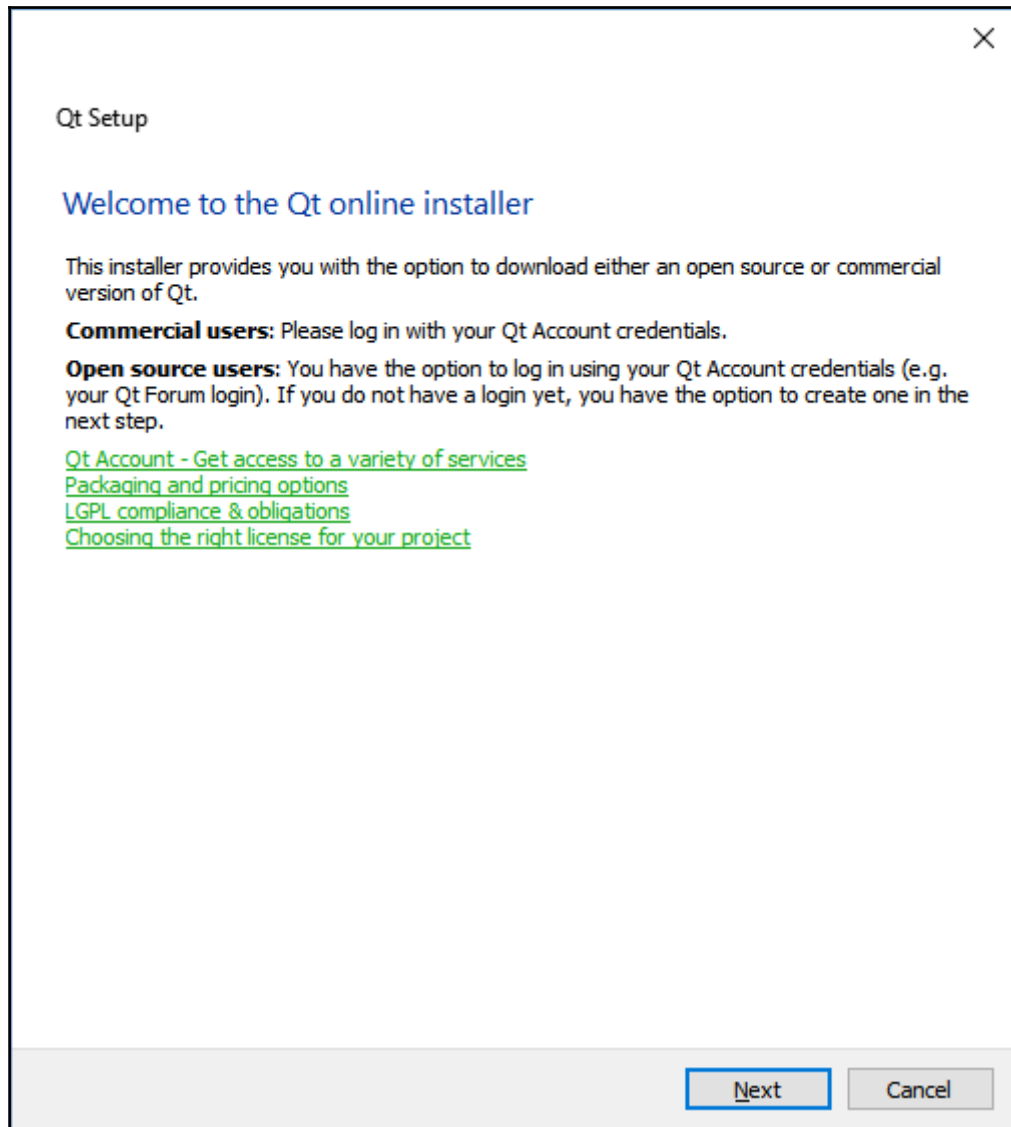
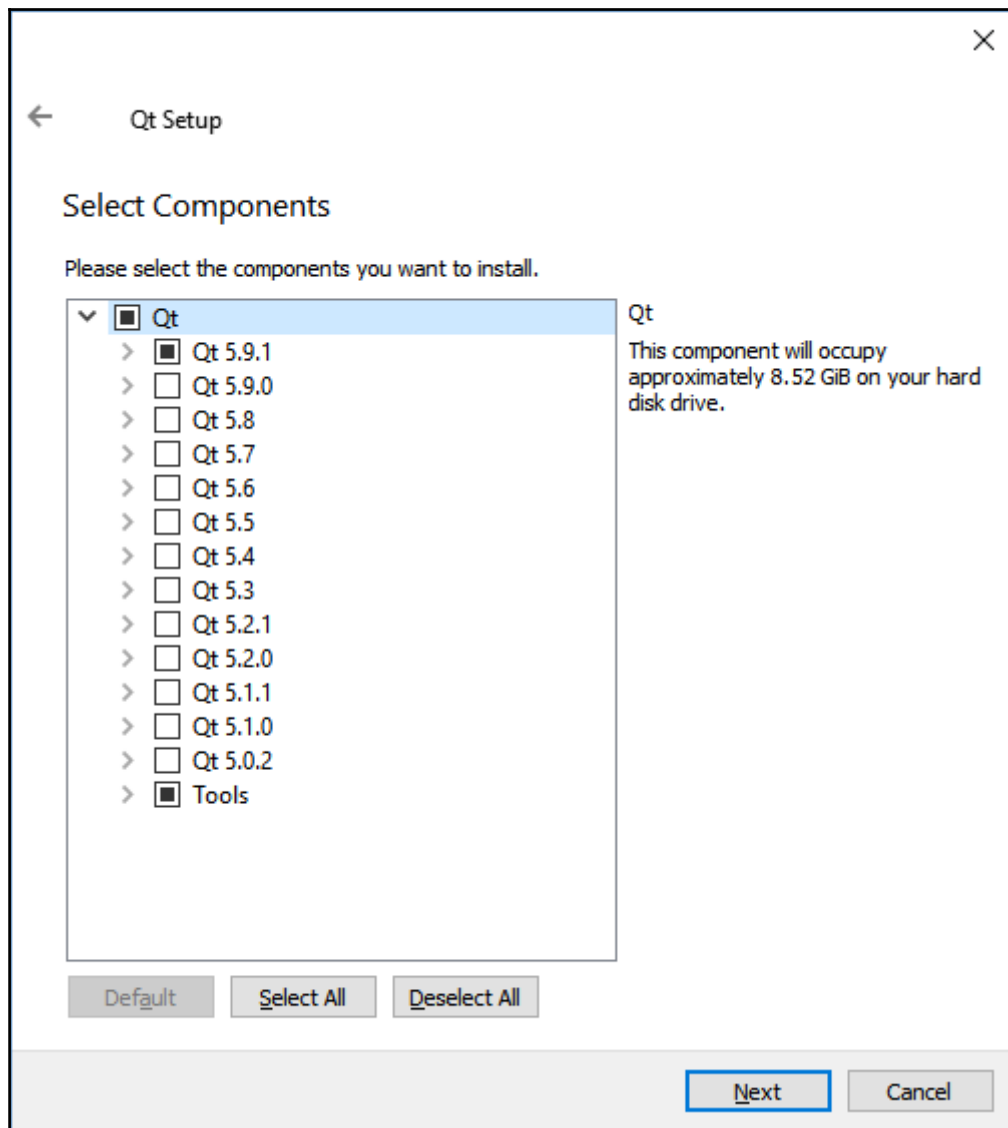


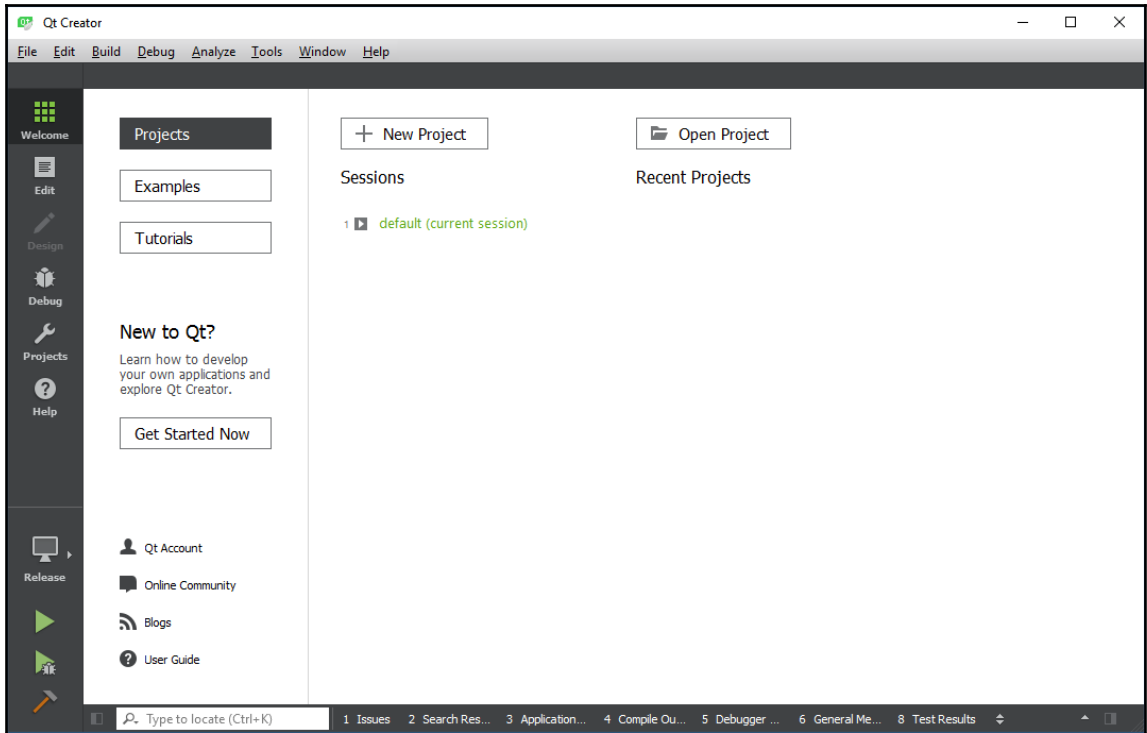
Chapter 1: Introduction to Qt

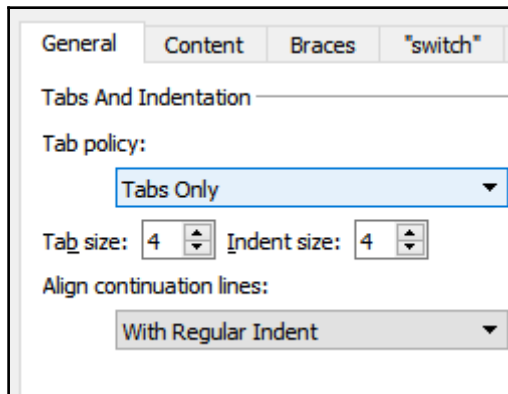
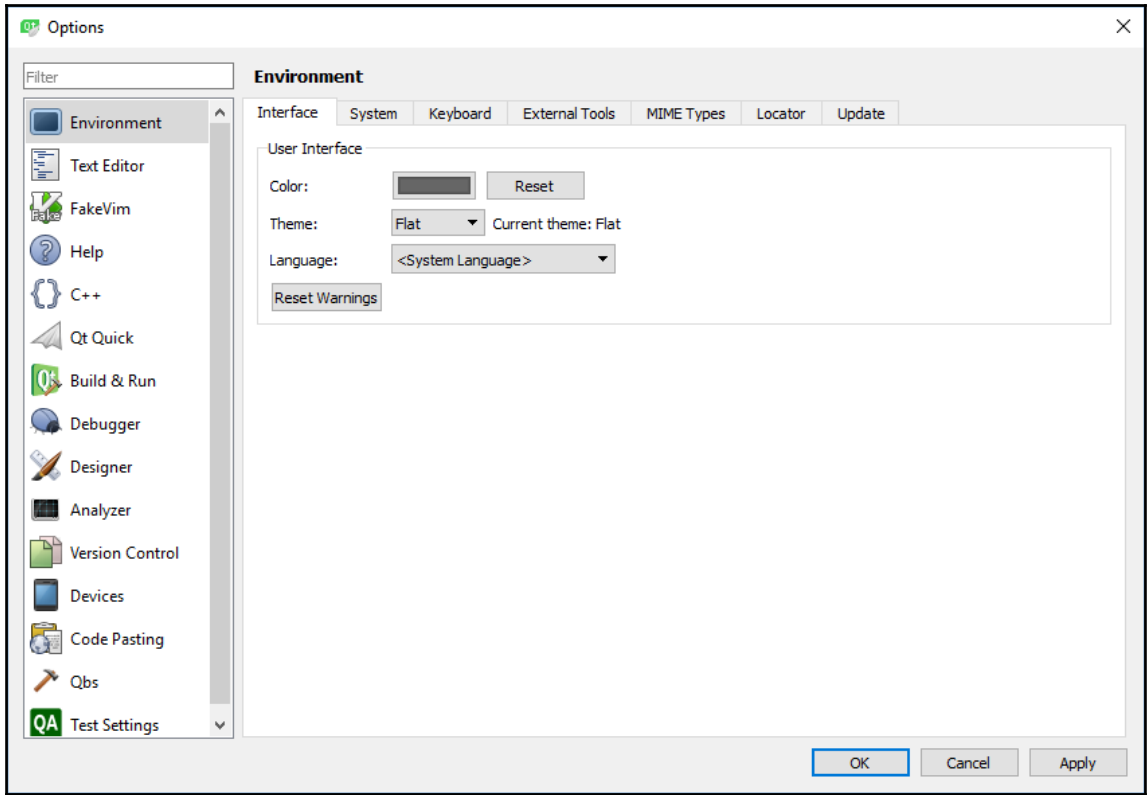




The image shows a Qt Setup dialog box with a title bar containing a back arrow, the text "Qt Setup", and a close button (X). The main content area is titled "Qt Account – Your unified login to everything Qt". Below this title, there are two sections: "Please log in to Qt Account" and "Need a Qt Account?". The "Please log in to Qt Account" section includes a "Login" label, an "Email" input field, a "Password" input field, and a green link for "Forgot password?". The "Need a Qt Account?" section includes a "Sign-up" label, a "Valid email address" input field, a "Password" input field, a "Confirm Password" input field, and a checkbox labeled "I accept the [service terms](#)". At the bottom of the dialog, there are three buttons: "Settings", "Skip" (which is highlighted with a blue border), and "Cancel".







Build & Run

General Kits Qt Versions Compilers Debuggers CMake

Name

- Auto-detected
 - Android for armeabi-v7a (GCC 4.9, Qt 5.9.1 for Android armv7)
 - Desktop Qt 5.9.1 MSVC2013 64bit
 - Desktop Qt 5.9.1 MSVC2015 64bit
 - Desktop Qt 5.9.1 MSVC2017 64bit
 - Desktop Qt 5.9.1 MinGW 32bit (default)
- Manual

Version Control

General Bazaar ClearCase Git Gerrit Mercurial Subversion Perforce CVS

Wrap submit message at: 72 characters

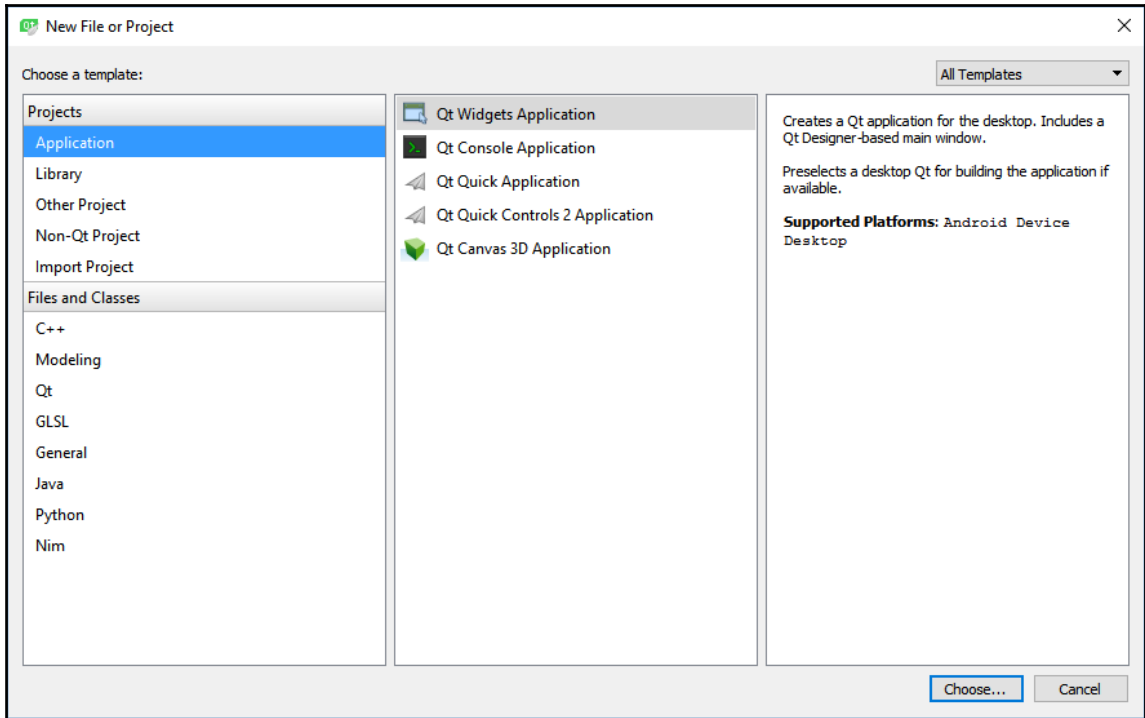
Submit message check script: Browse...

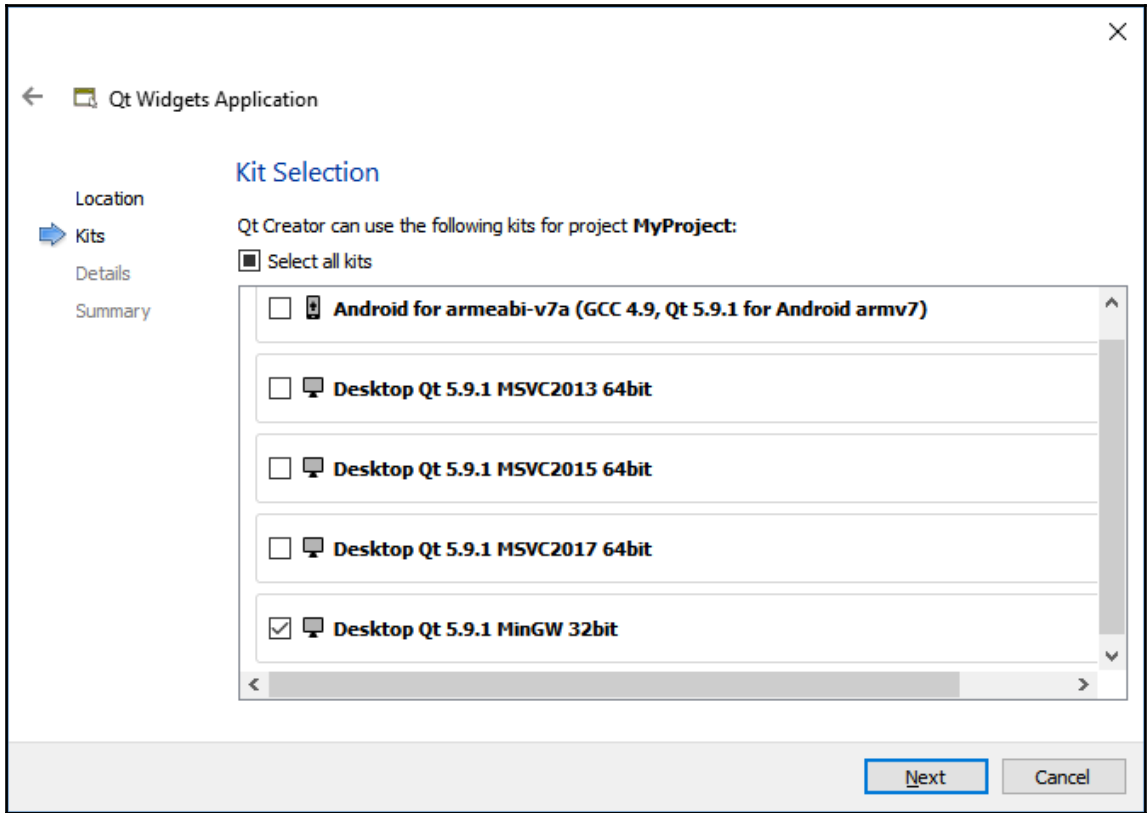
User/alias configuration file: Browse...

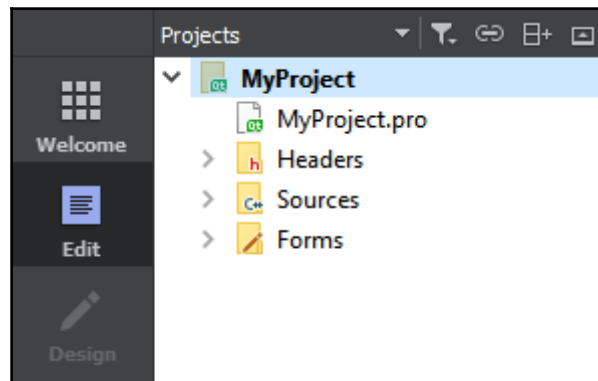
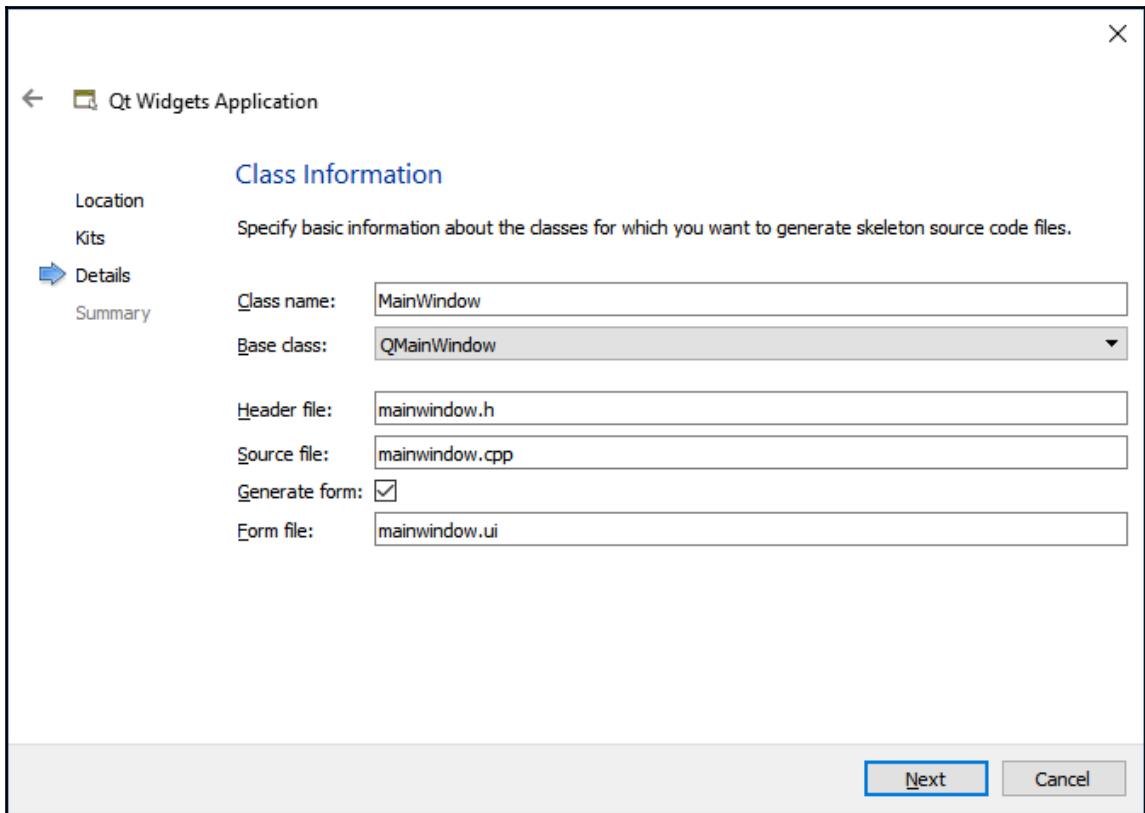
User fields configuration file: Browse...

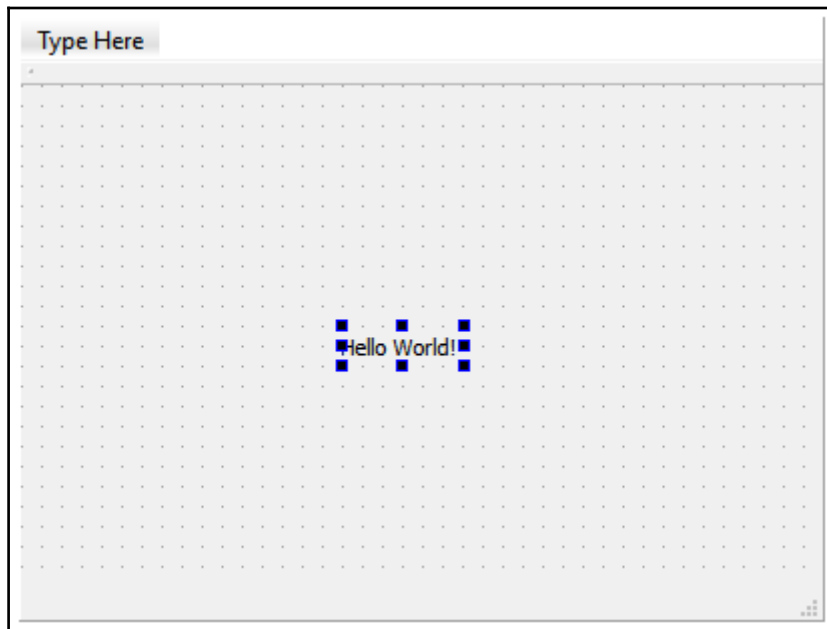
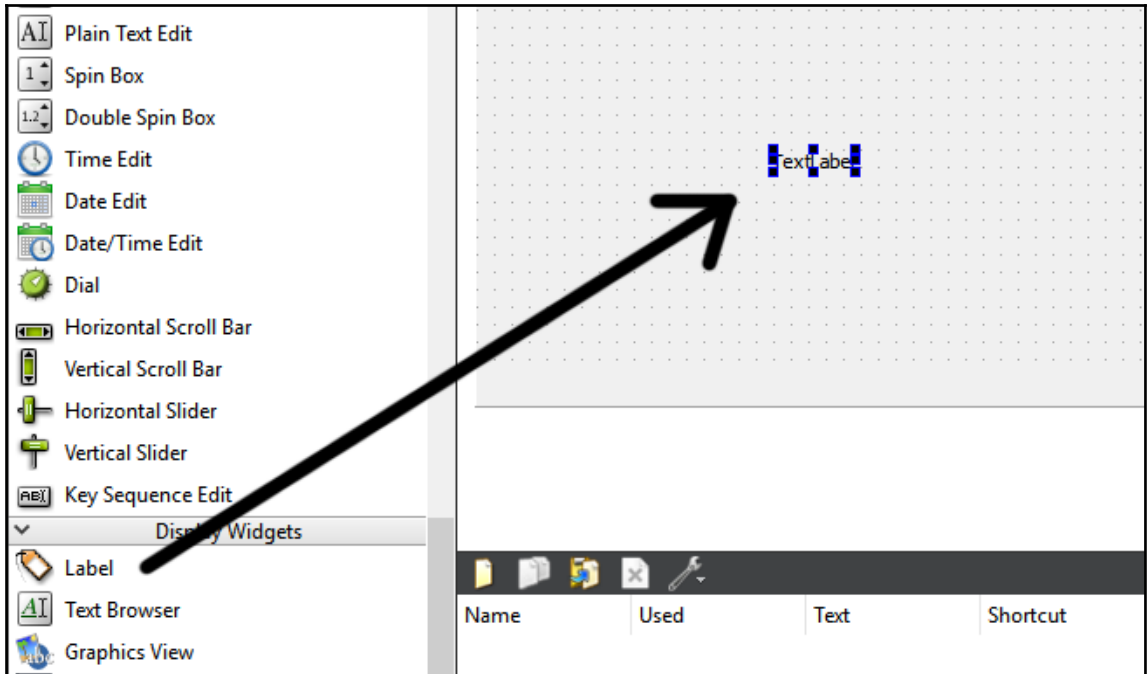
SSH prompt command: win-ssh-askpass Browse...

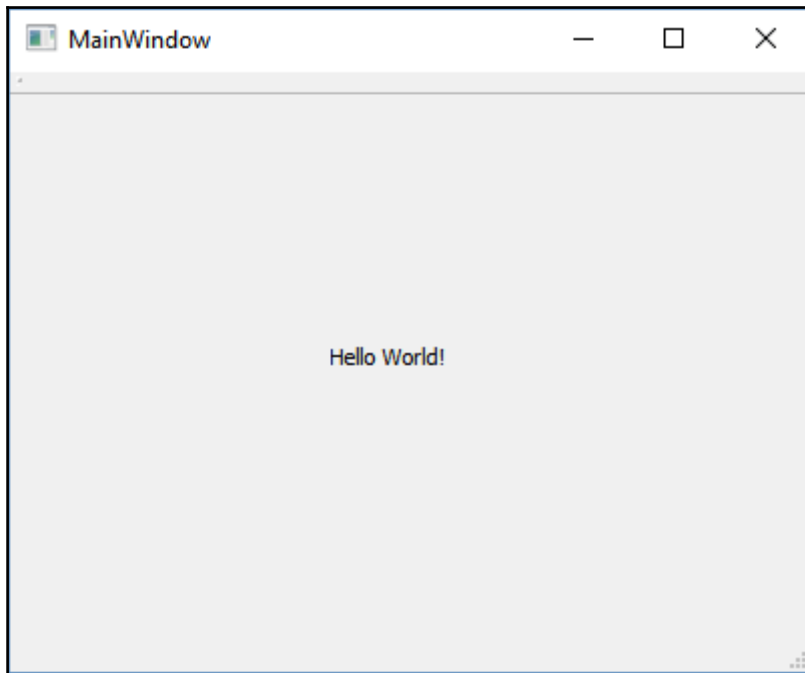
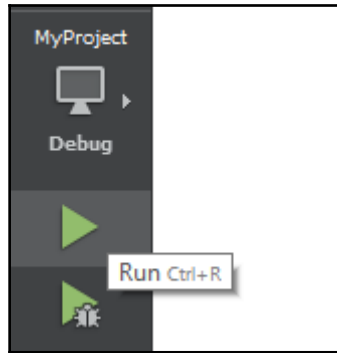
Reset VCS Cache



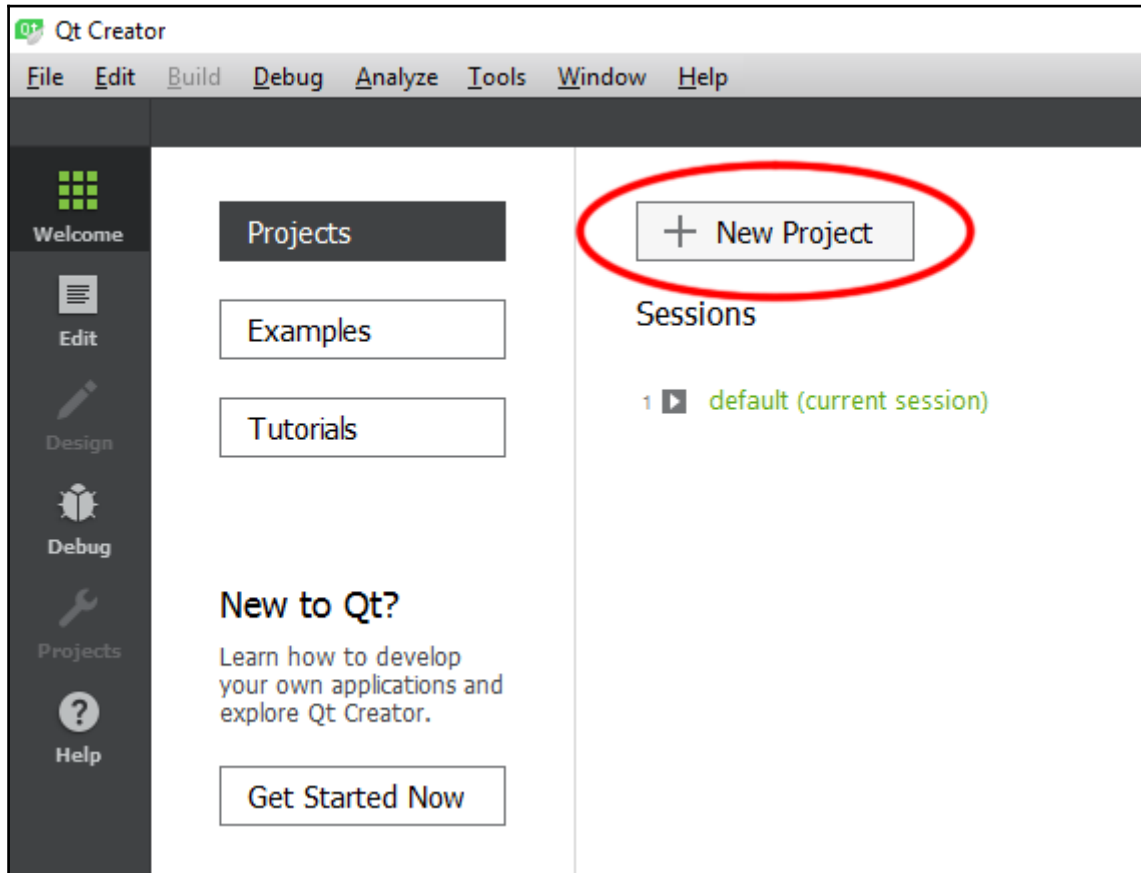


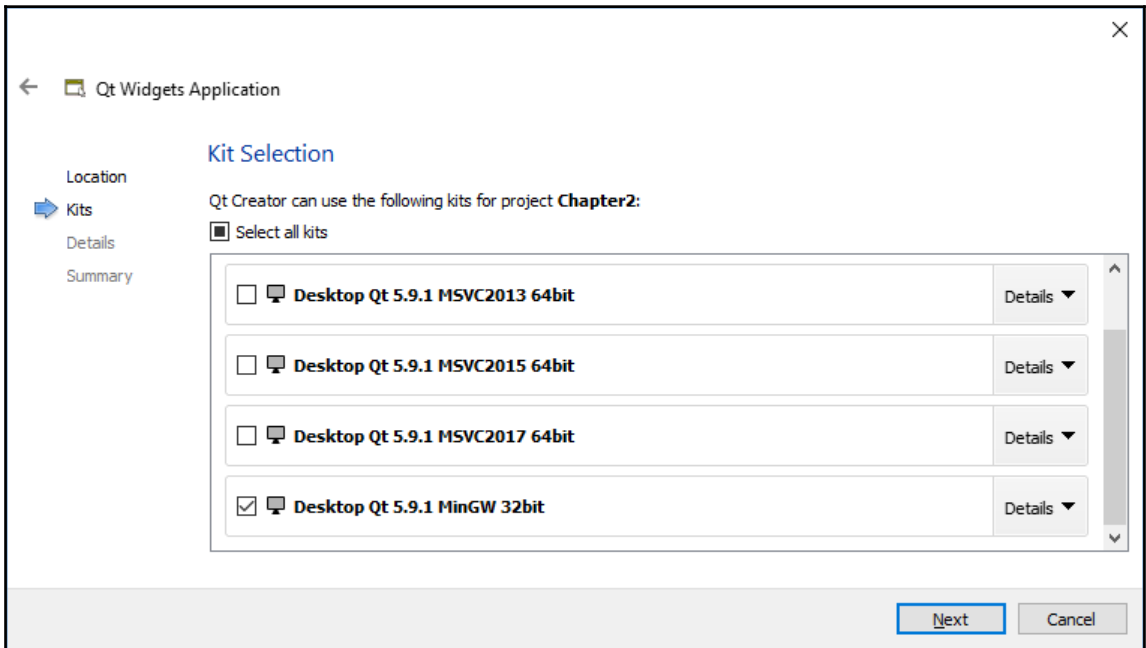
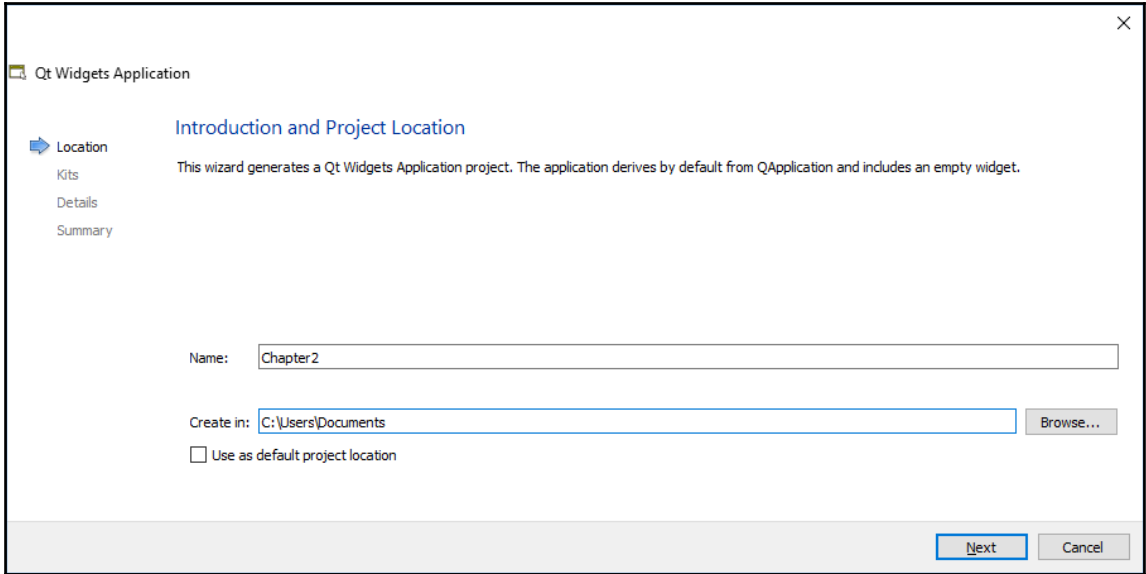


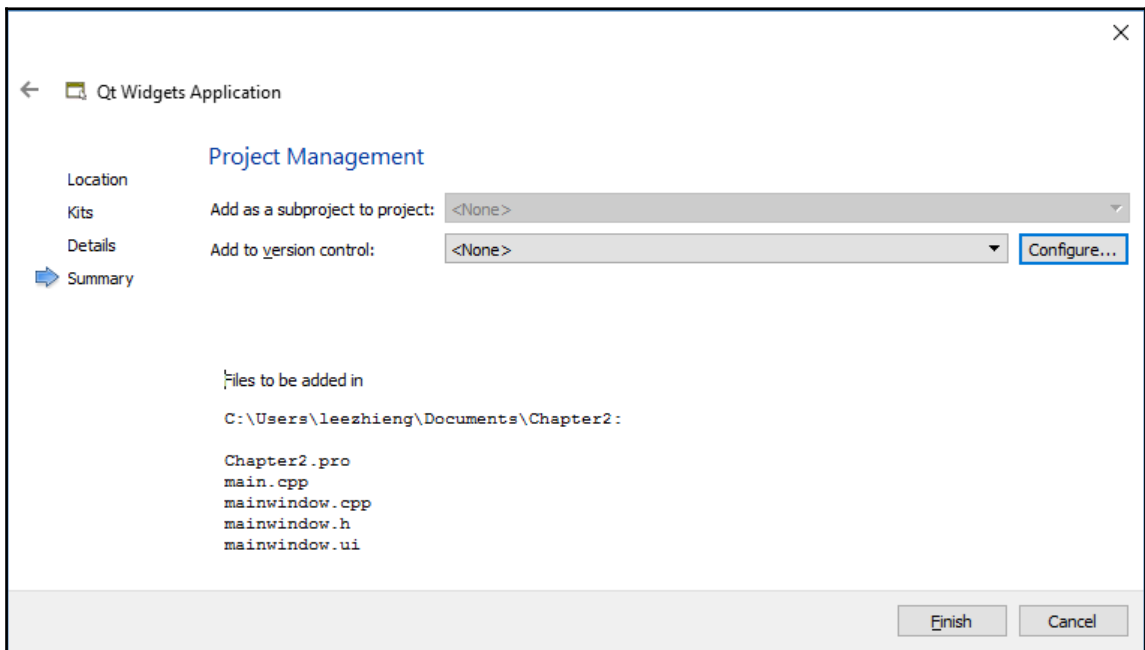
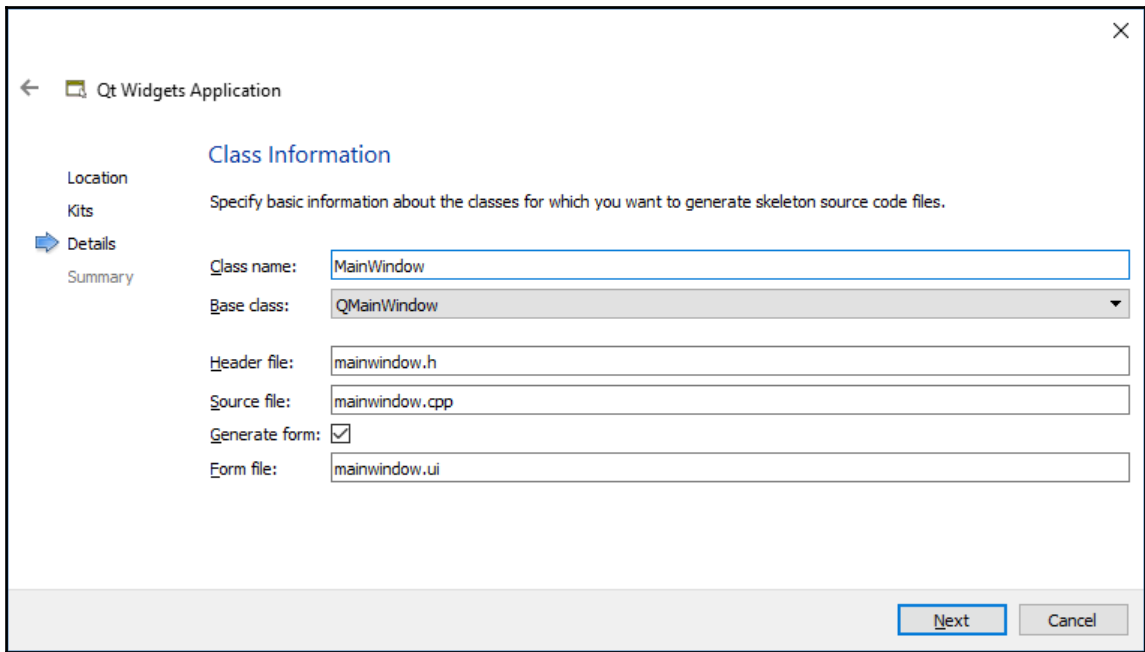


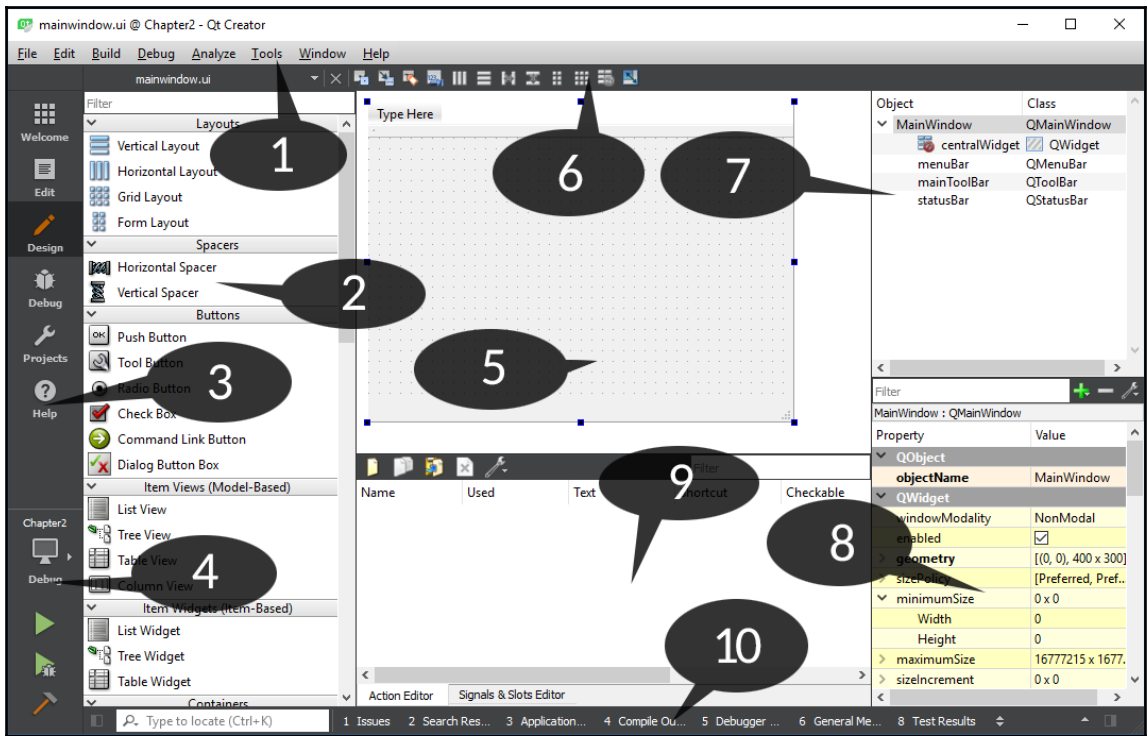
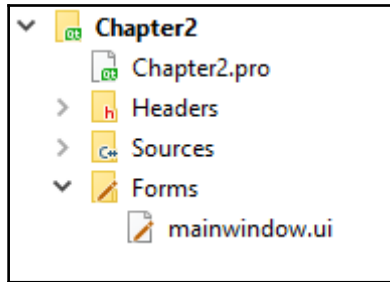


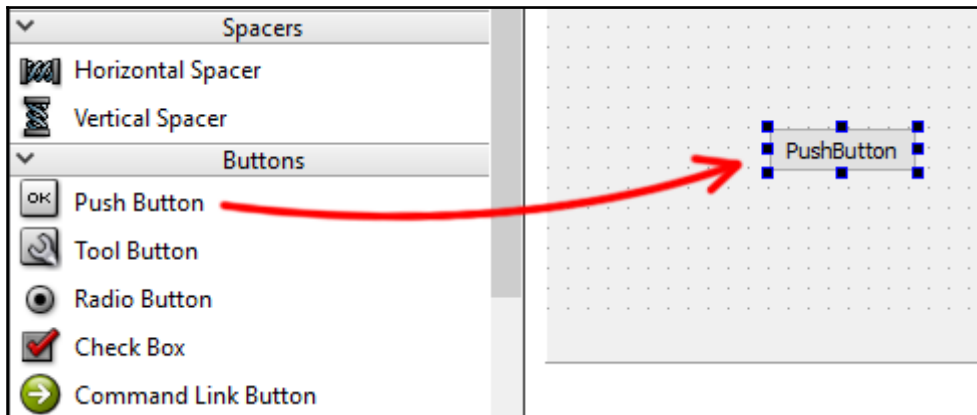
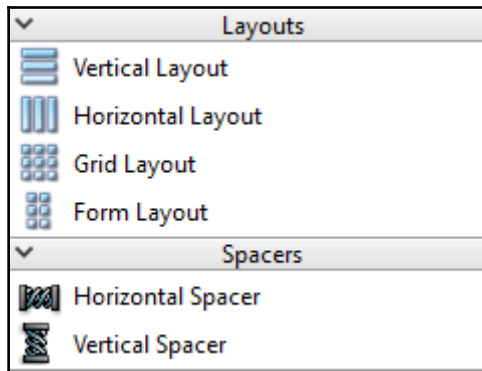
Chapter 2: Qt Widgets and Style Sheets




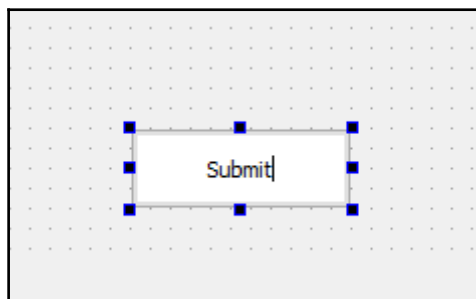


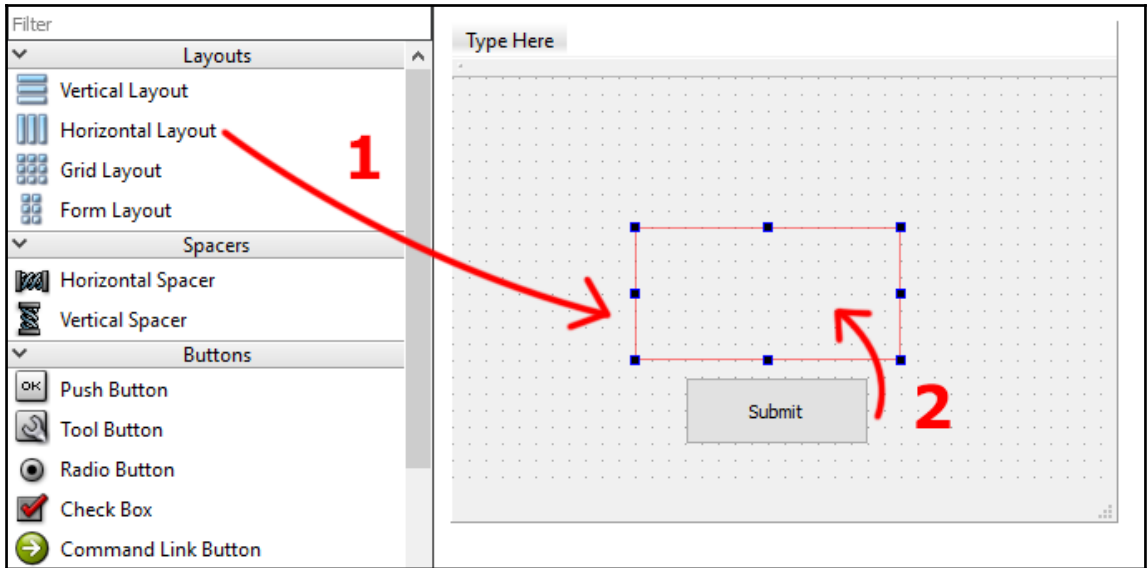


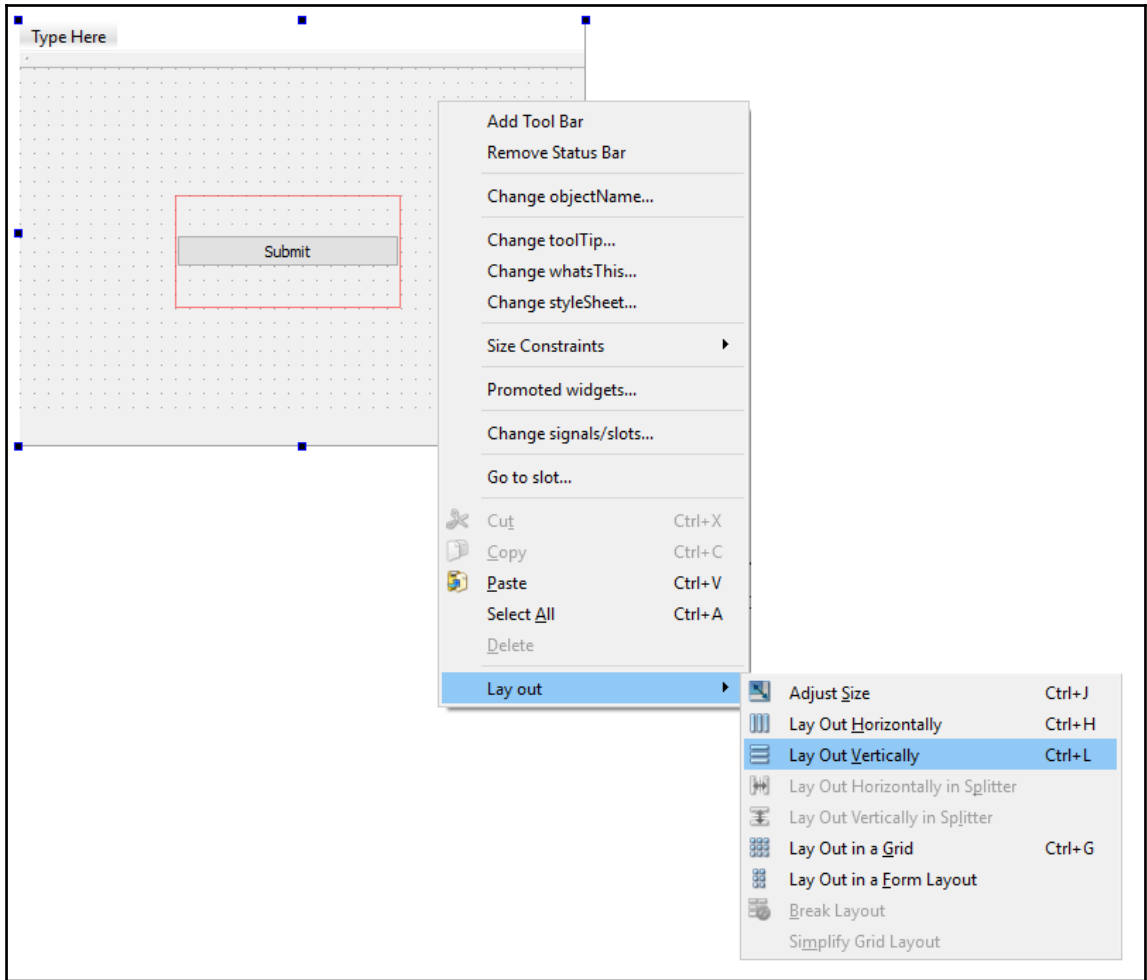


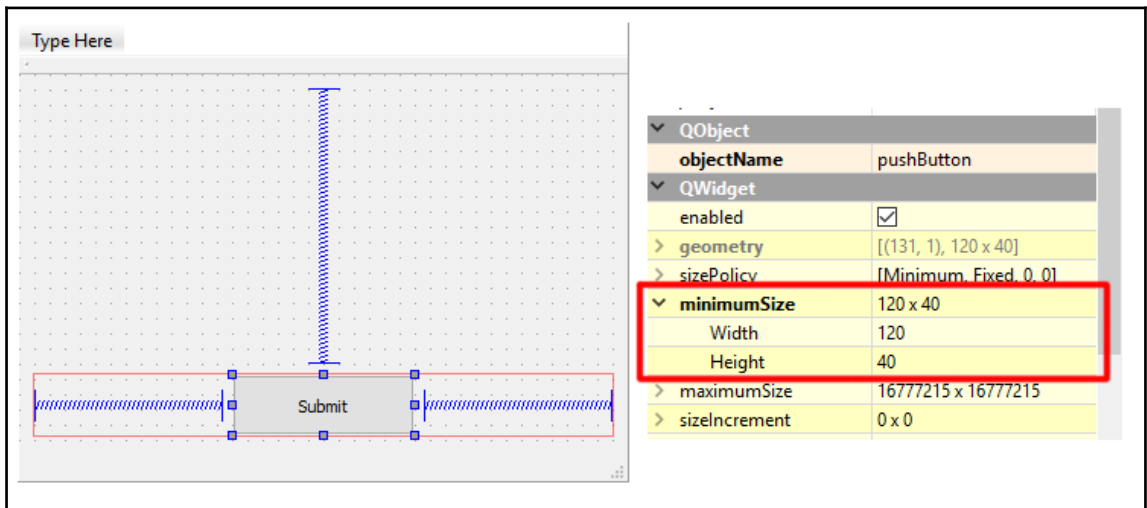
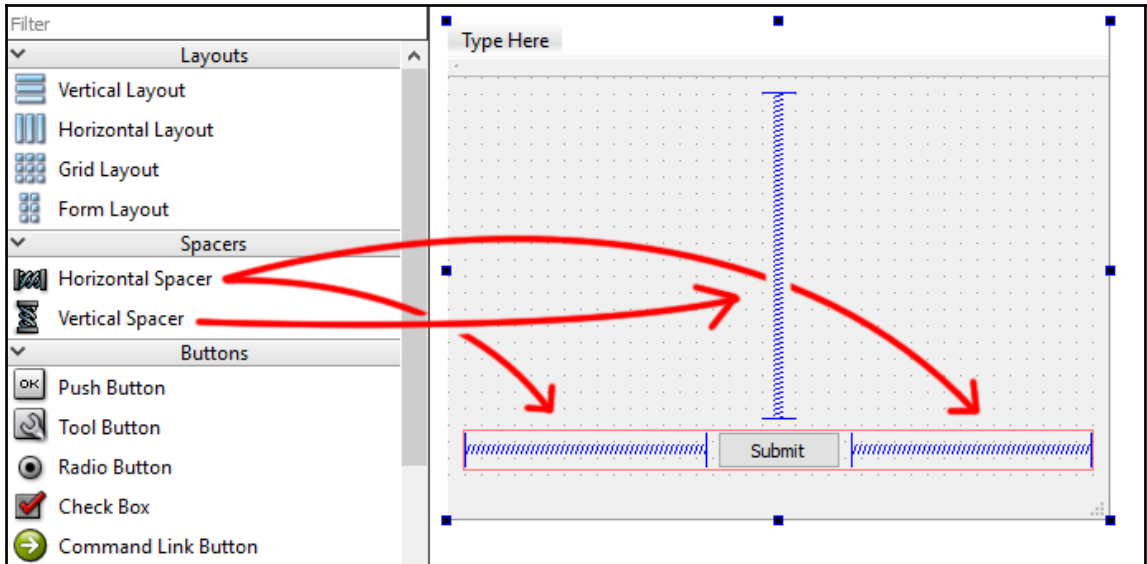


| pushButton : QPushButton | |
|--------------------------|---|
| Property | Value |
| ▼ QObject | |
| objectName | pushButton |
| ▼ QWidget | |
| enabled | <input checked="" type="checkbox"/> |
| > geometry | [(70, 40), 75 x 23] |
| > sizePolicy | [Minimum, Fixed, 0, 0] |
| ▼ minimumSize | 0 x 0 |
| Width | 0 |
| Height | 0 |
| > maximumSize | 16777215 x 16777215 |
| > sizeIncrement | 0 x 0 |
| > baseSize | 0 x 0 |
| palette | Inherited |
| > font | A [MS Shell Dlg 2, 8] |
| cursor |  Arrow |
| mouseTracking | <input type="checkbox"/> |
| tabletTracking | <input type="checkbox"/> |
| focusPolicy | StrongFocus |
| contextMenuPolicy | DefaultContextMenu |
| acceptDrops | <input type="checkbox"/> |

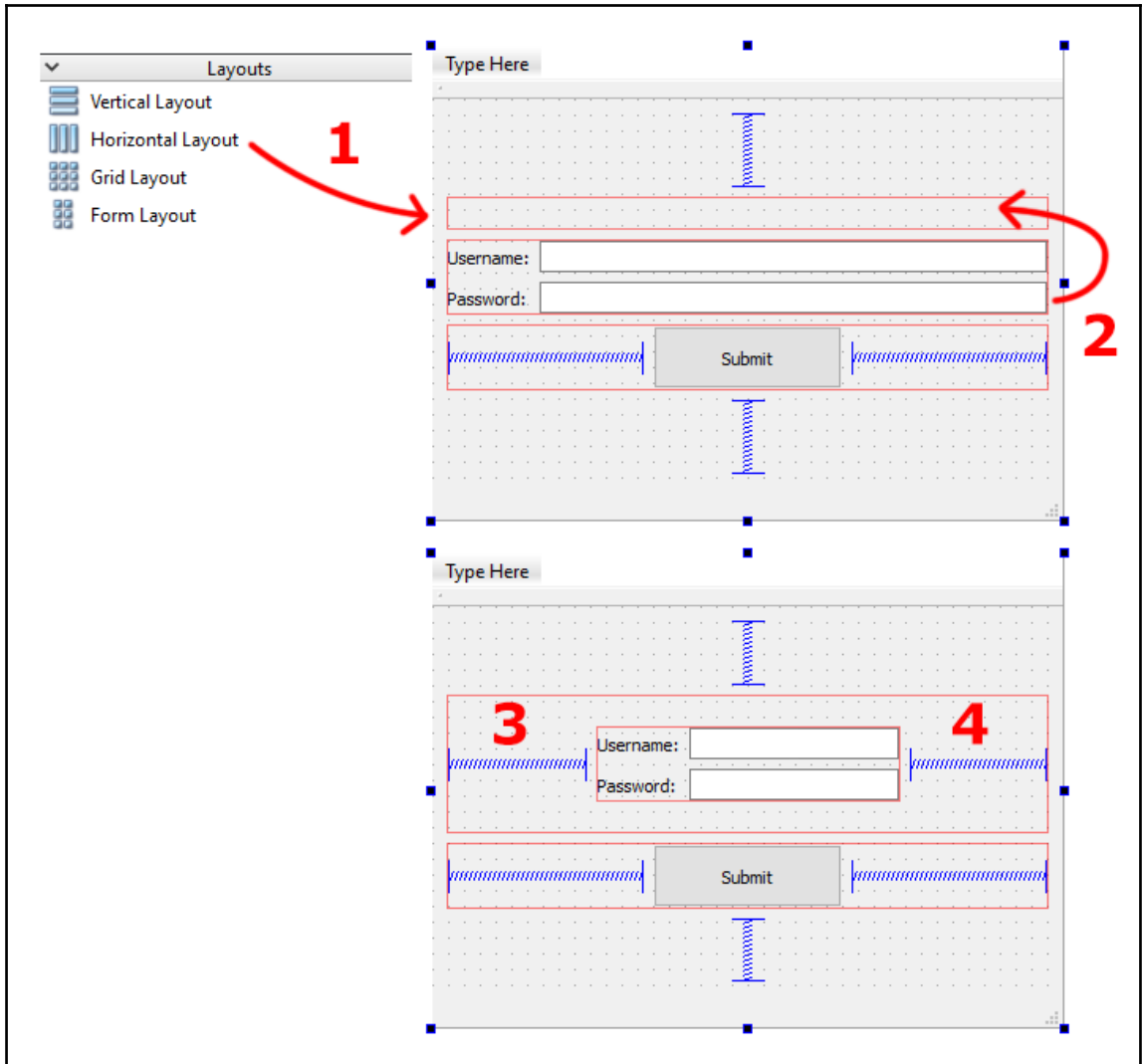


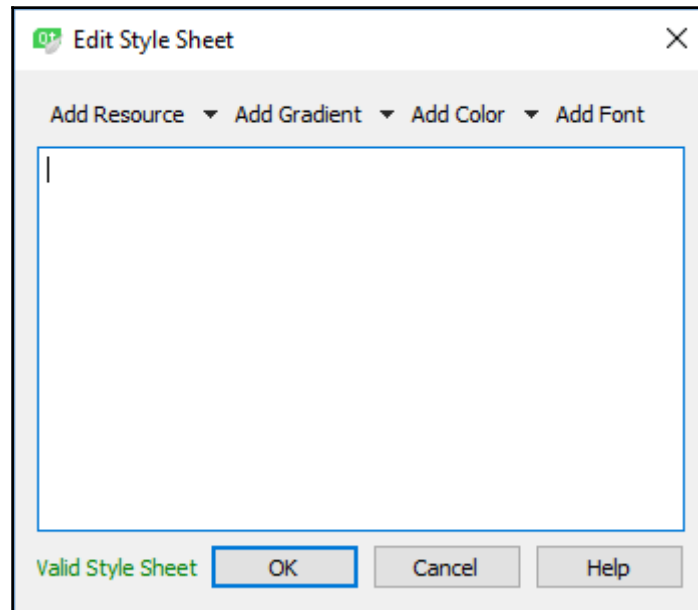
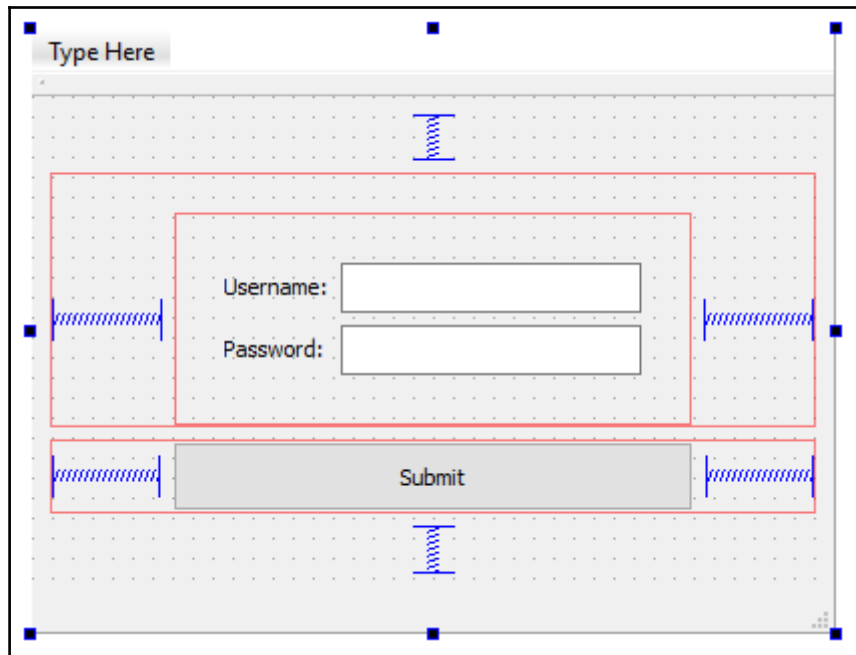


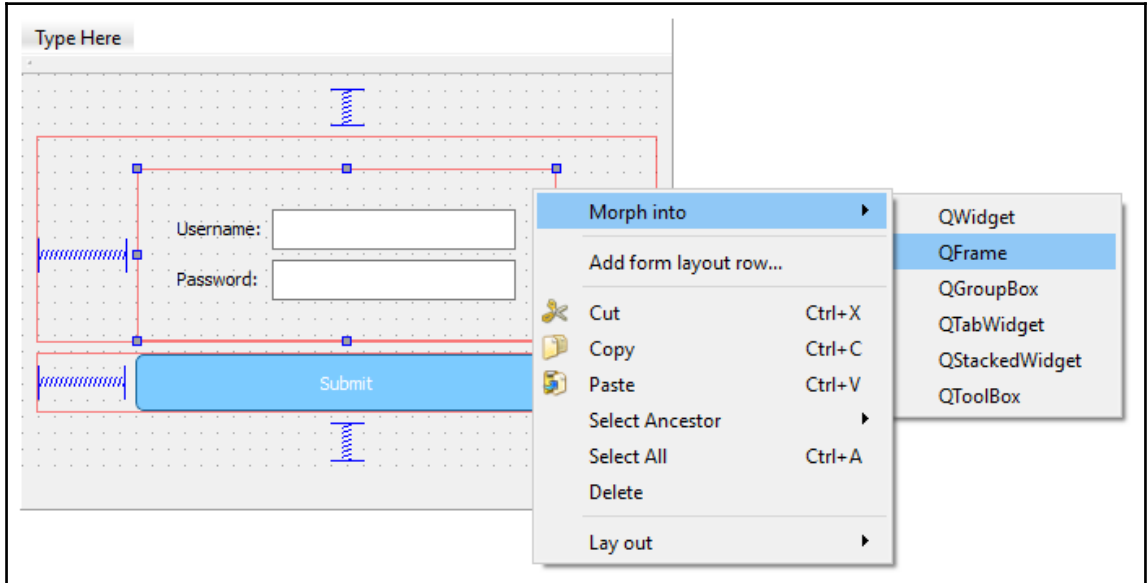
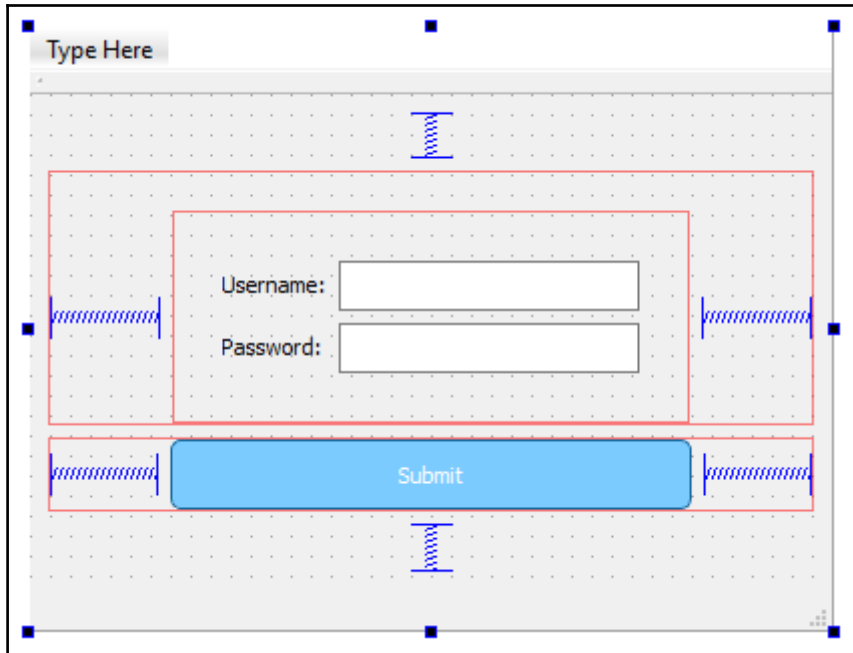


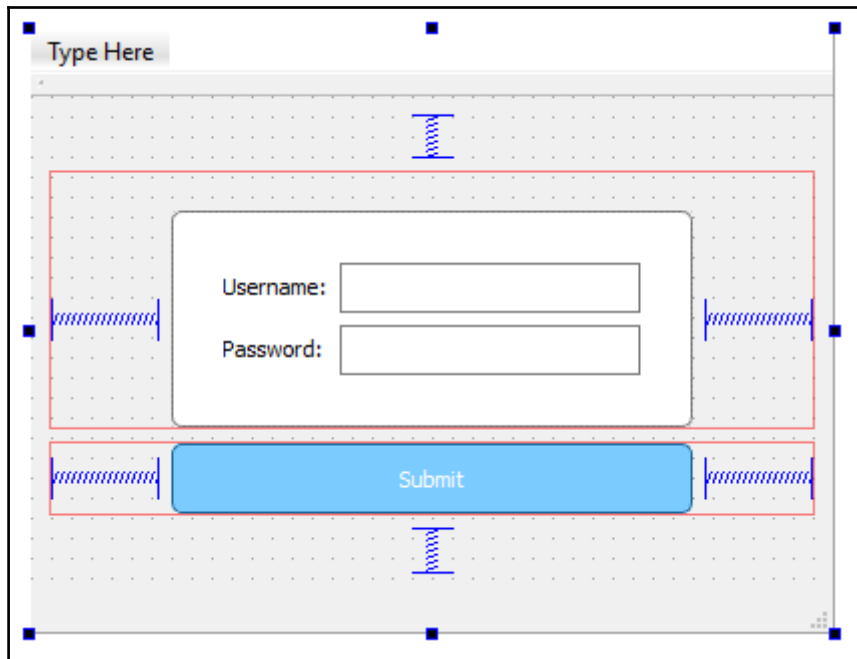


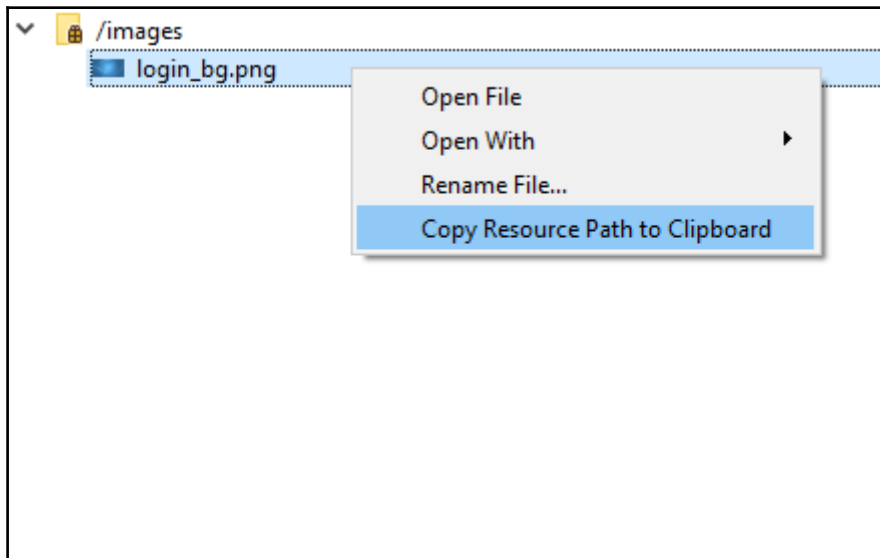
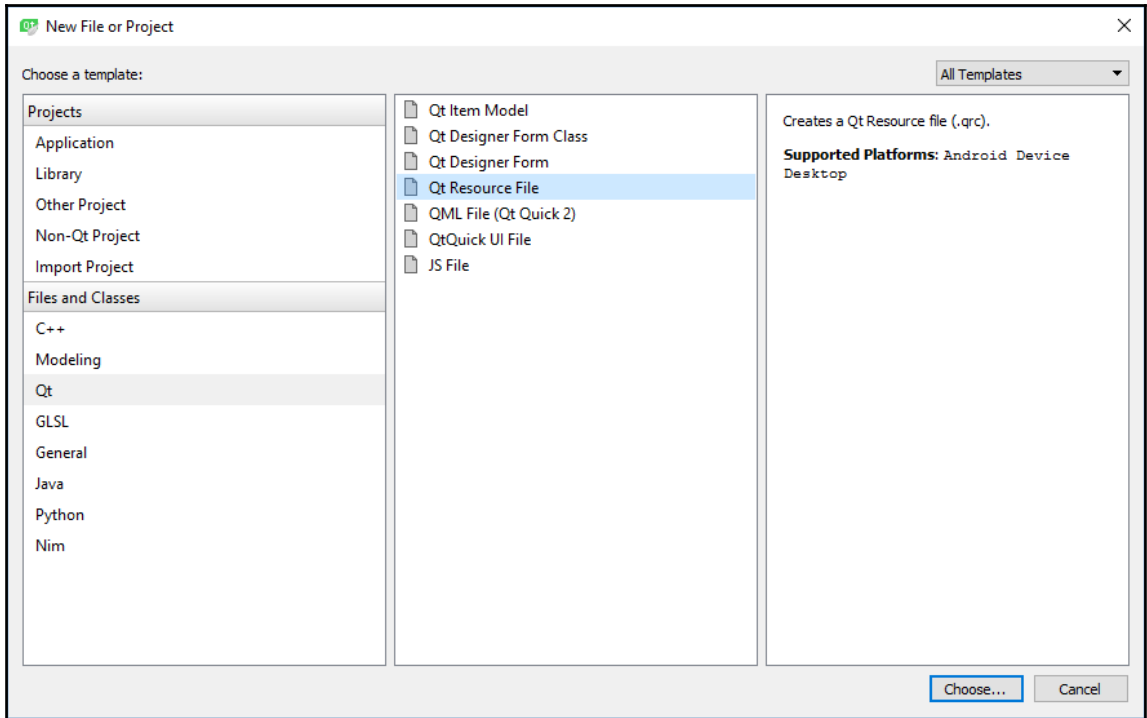
| Layout | |
|-------------------------|------------|
| layoutName | formLayout |
| layoutLeftMargin | 0 |
| layoutTopMargin | 20 |
| layoutRightMargin | 0 |
| layoutBottomMargin | 0 |
| layoutHorizontalSpac... | 6 |

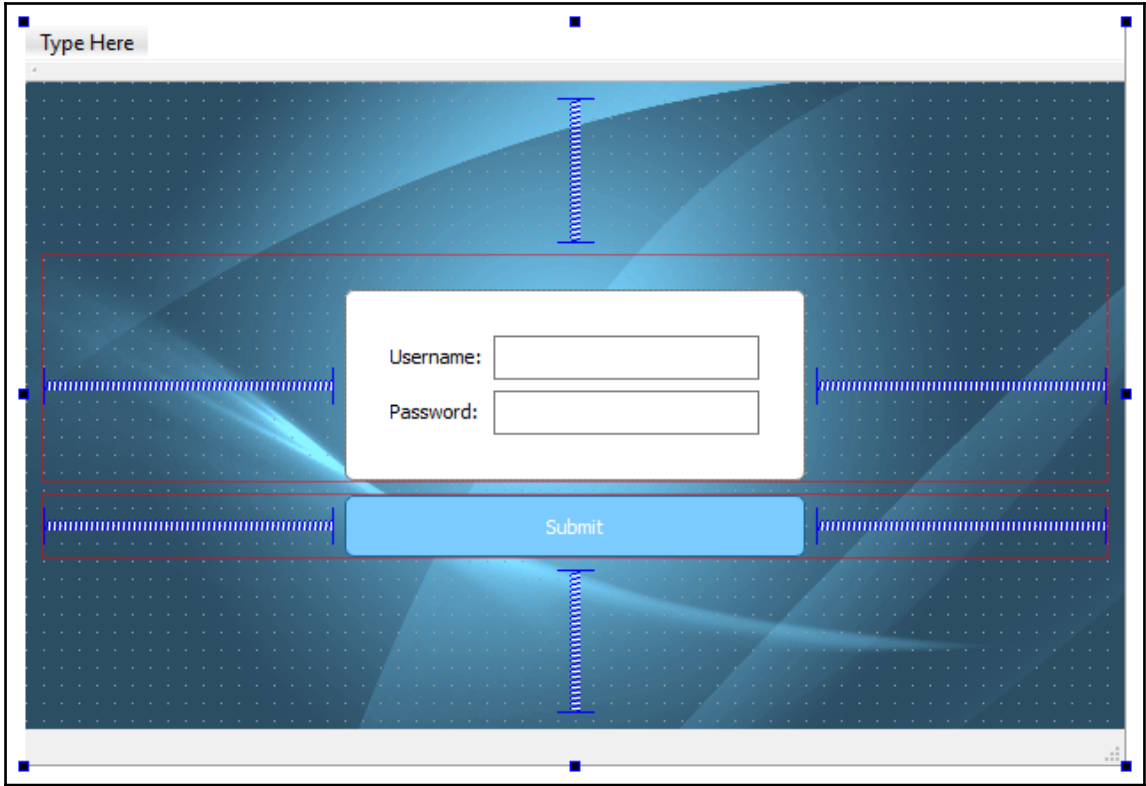




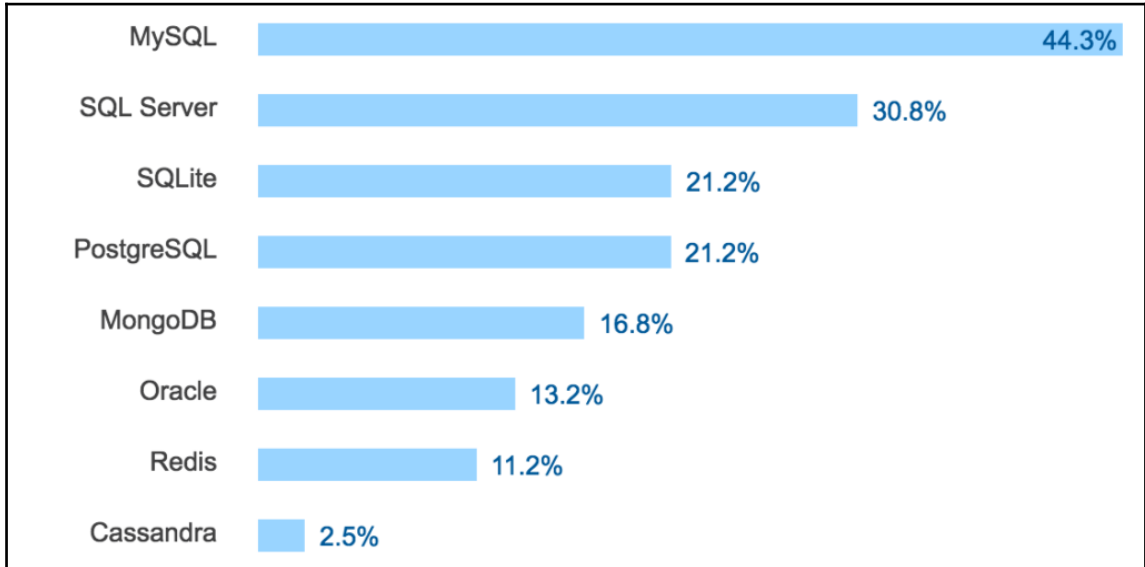








Chapter 3: Database Connection



Apache Friends Download Add-ons Hosting Community About Search.. Search EN

XAMPP Apache + MariaDB + PHP + Perl

What is XAMPP?

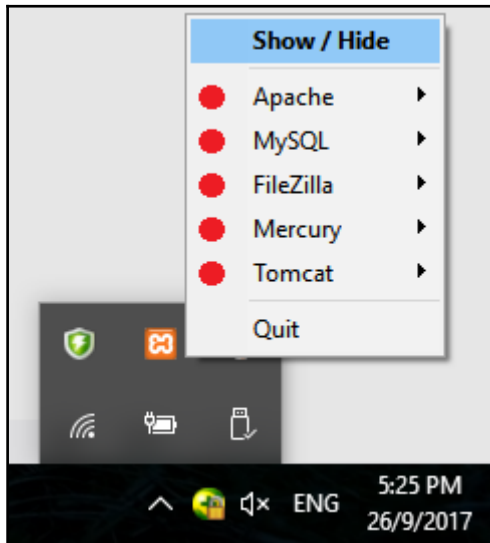
XAMPP is the most popular PHP development environment

XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use.



Download
Click here for other versions

-  XAMPP for Windows
7.1.9 (PHP 7.1.9)
-  XAMPP for Linux
7.1.9 (PHP 7.1.9)
-  XAMPP for OS X
XAMPP-VM (PHP 7.1.9)



XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015]

XAMPP Control Panel v3.2.2

| Service | Module | PID(s) | Port(s) | Actions |
|--------------------------|-----------|--------|---------|-------------------------|
| <input type="checkbox"/> | Apache | | | Start Admin Config Logs |
| <input type="checkbox"/> | MySQL | | | Start Admin Config Logs |
| <input type="checkbox"/> | FileZilla | | | Start Admin Config Logs |
| <input type="checkbox"/> | Mercury | | | Start Admin Config Logs |
| <input type="checkbox"/> | Tomcat | | | Start Admin Config Logs |

5:20:58 PM [main] there will be a security dialogue or things will break! So think about running this application with administrator rights!

5:20:58 PM [main] XAMPP Installation Directory: "c:\xampp"

5:20:58 PM [main] Checking for prerequisites

5:21:34 PM [main] All prerequisites found

5:21:34 PM [main] Initializing Modules

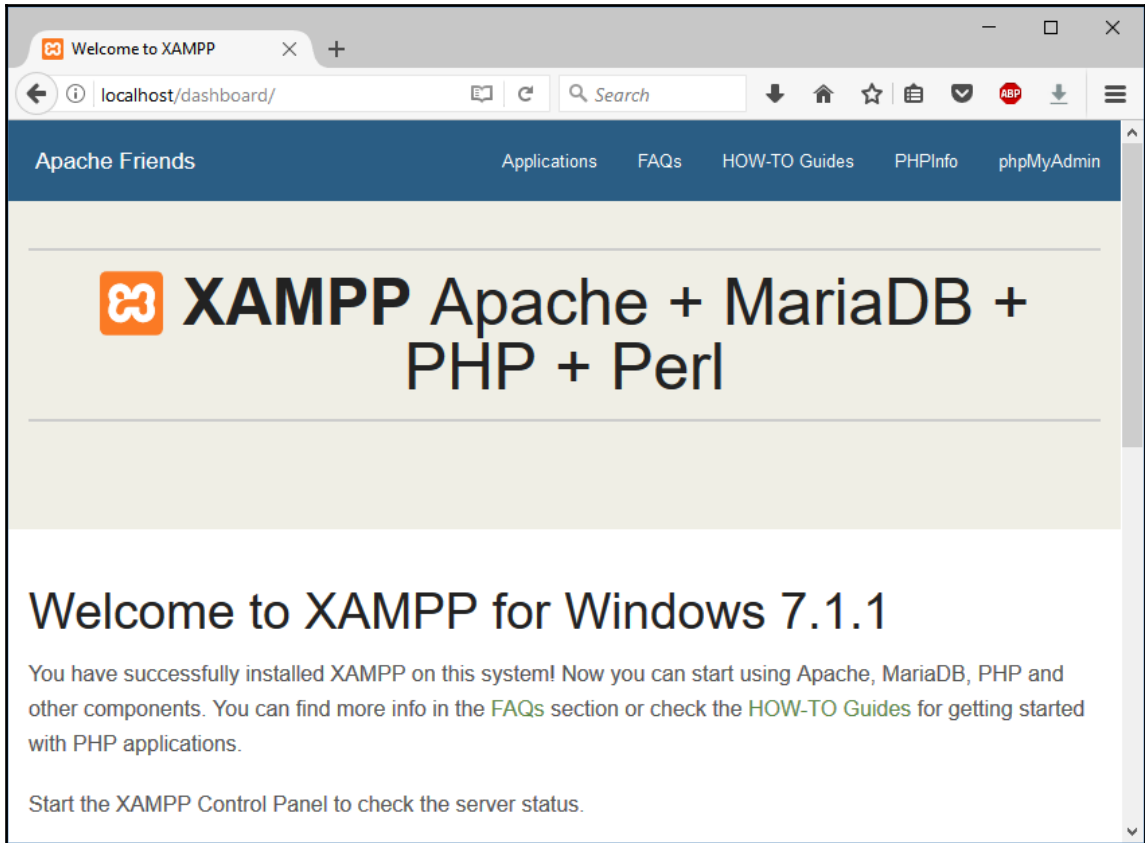
5:21:35 PM [main] Starting Check-Timer

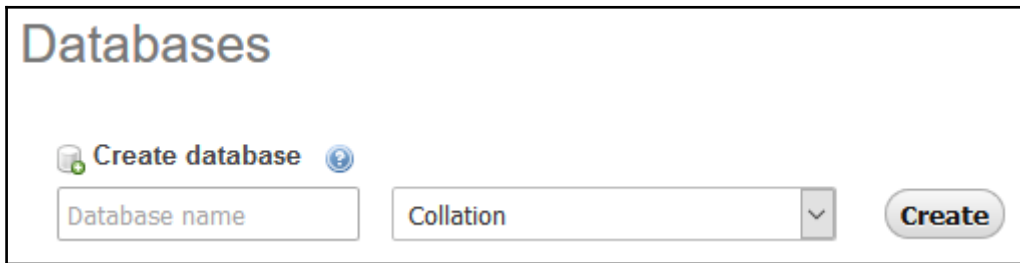
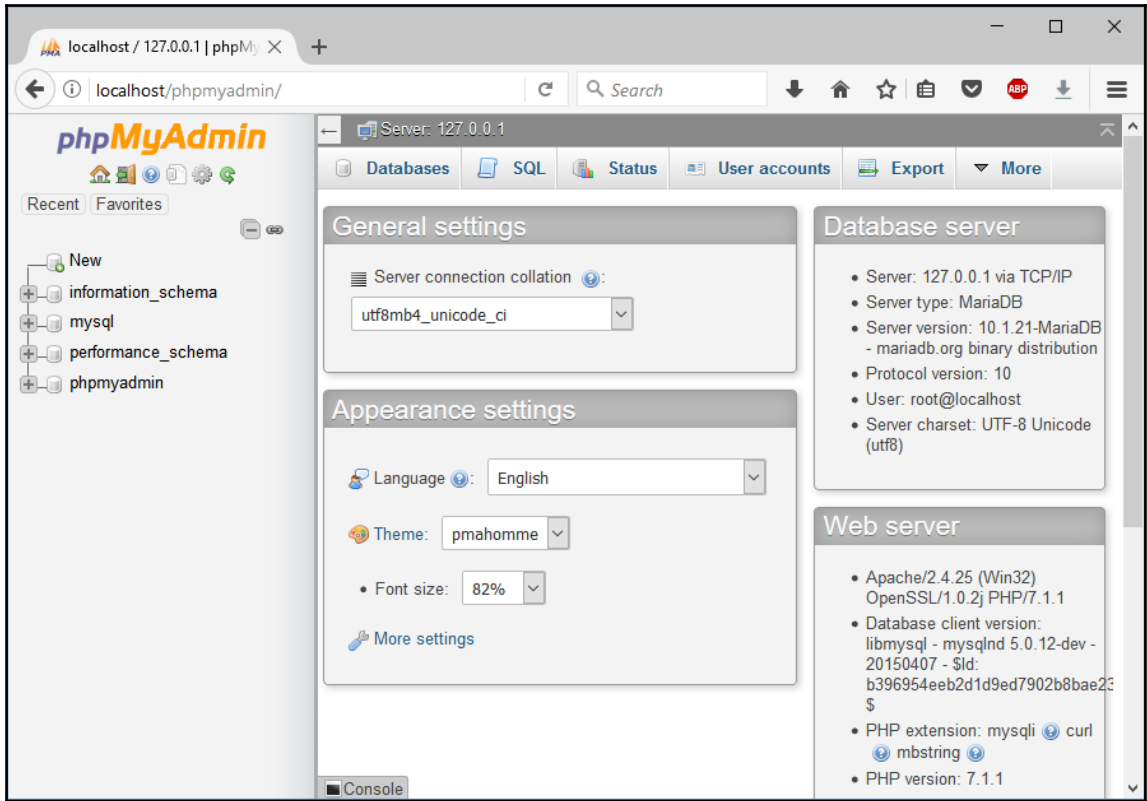
5:21:35 PM [main] Control Panel Ready

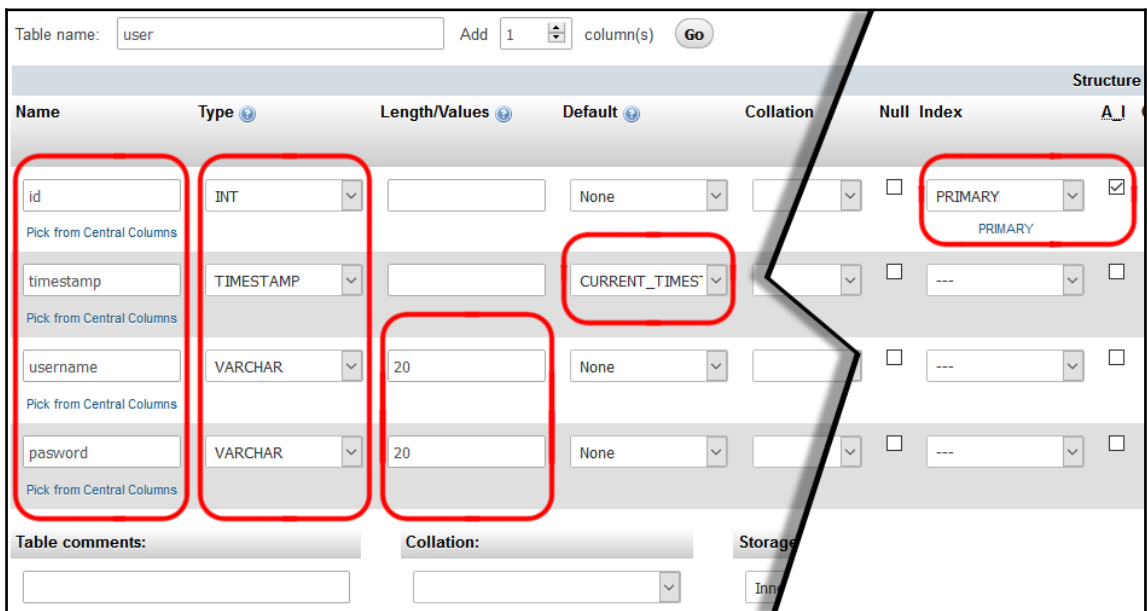
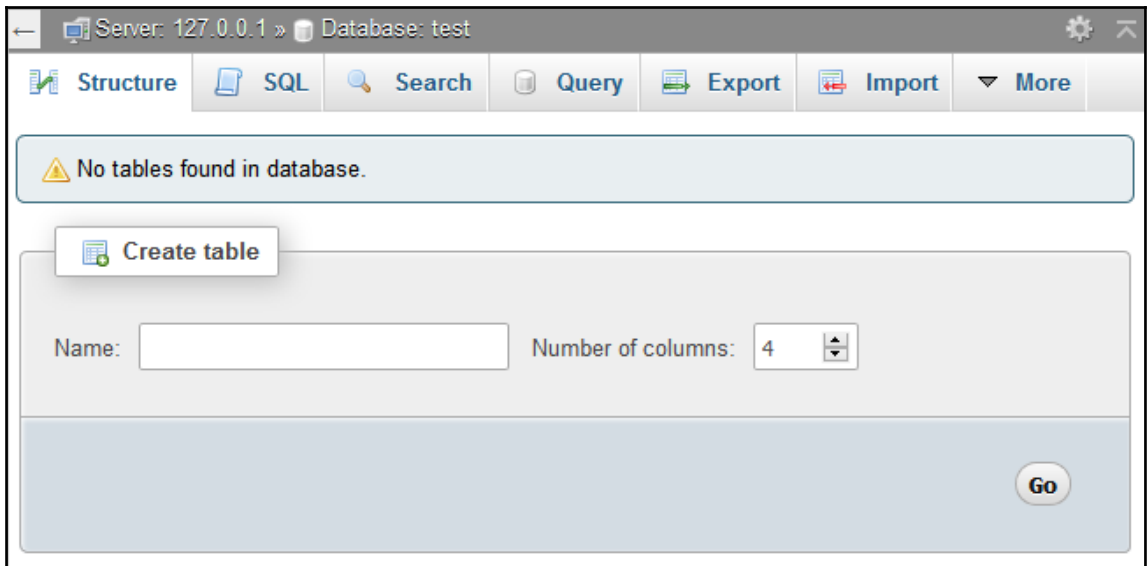
Config Netstat Shell Explorer Services Help Quit

XAMPP Control Panel v3.2.2

| Service | Module | PID(s) | Port(s) | Actions |
|--------------------------|--------|--------|---------|---------|
| <input type="checkbox"/> | Apache | 40344 | | Stop |
| <input type="checkbox"/> | MySQL | 40532 | | Stop |







Add 1 column(s) GO

Add index ✕

Index name:

Index choice: PRIMARY ▼

+ Options

| | Column | Size |
|---|--|----------------------|
| ▼ | <input type="text" value="id [int]"/> ▼ | <input type="text"/> |


| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra | Action |
|--------------------------|--------------------|-------------|-------------------|------------|------|-------------------|----------|----------------|--|
| <input type="checkbox"/> | 1 id 🔑 | int(11) | | | No | None | | AUTO_INCREMENT | <input type="button" value="Change"/> <input type="button" value="Drop"/> <input type="button" value="Primary"/> <input type="button" value="Unique"/> <input type="button" value="More"/> |
| <input type="checkbox"/> | 2 timestamp | timestamp | | | No | CURRENT_TIMESTAMP | | | <input type="button" value="Change"/> <input type="button" value="Drop"/> <input type="button" value="Primary"/> <input type="button" value="Unique"/> <input type="button" value="More"/> |
| <input type="checkbox"/> | 3 username | varchar(20) | latin1_swedish_ci | | No | None | | | <input type="button" value="Change"/> <input type="button" value="Drop"/> <input type="button" value="Primary"/> <input type="button" value="Unique"/> <input type="button" value="More"/> |
| <input type="checkbox"/> | 4 password | varchar(20) | latin1_swedish_ci | | No | None | | | <input type="button" value="Change"/> <input type="button" value="Drop"/> <input type="button" value="Primary"/> <input type="button" value="Unique"/> <input type="button" value="More"/> |

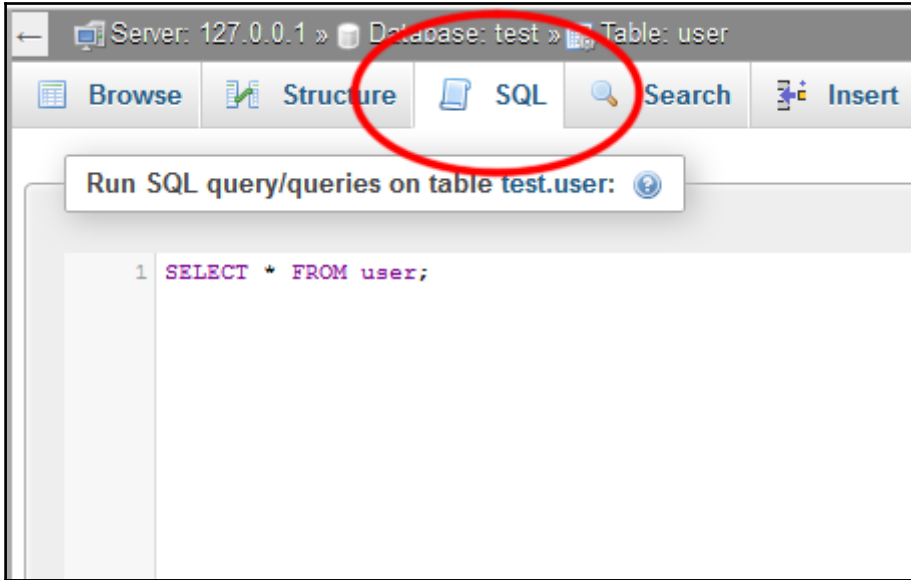
Server: 127.0.0.1 » Database: test » Table: user

Browse Structure SQL Search **Insert** Export

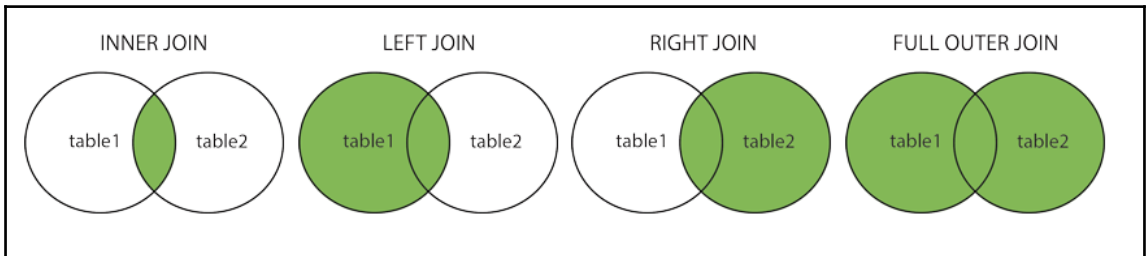
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)

```
SELECT * FROM `user`
```

| Column | Type | Function | Null | Value |
|-----------|-------------|----------------------|------|---|
| id | int(11) | <input type="text"/> | | <input type="text"/> |
| timestamp | timestamp | <input type="text"/> | | CURRENT_TIMESTAMP  |
| username | varchar(20) | <input type="text"/> | | <input type="text"/> |
| password | varchar(20) | <input type="text"/> | | <input type="text"/> |



| Name | Type ⓘ |
|---|--------------------------------------|
| <input type="text" value="status"/> | <input type="text" value="TINYINT"/> |
| Pick from Central Columns | |



| # | Name | Type | Collation | Attributes | Null | Default | Comments | Extra |
|----------------------------|-------------|-------------|-------------------|------------|------|---------|----------|----------------|
| <input type="checkbox"/> 1 | id | int(11) | | | No | None | | AUTO_INCREMENT |
| <input type="checkbox"/> 2 | name | varchar(20) | latin1_swedish_ci | | No | None | | |

+ Options

← T →

| | | | | | id | name |
|--------------------------|------|------|--------|---|-------------|------|
| <input type="checkbox"/> | Edit | Copy | Delete | 1 | Marketing | |
| <input type="checkbox"/> | Edit | Copy | Delete | 2 | Engineering | |

Add column(s)

+ Indexes

| # | Name | Type | Collation | Attributes | Null | Default |
|----------------------------|------------------|-------------|-------------------|------------|------|-------------------|
| <input type="checkbox"/> 1 | id | int(11) | | | No | None |
| <input type="checkbox"/> 2 | timestamp | timestamp | | | No | CURRENT_TIMESTAMP |
| <input type="checkbox"/> 3 | username | varchar(20) | latin1_swedish_ci | | No | None |
| <input type="checkbox"/> 4 | password | varchar(20) | latin1_swedish_ci | | No | None |
| <input type="checkbox"/> 5 | deptID | int(11) | | | No | None |
| <input type="checkbox"/> 6 | status | tinyint(4) | | | No | None |

+ Options

| | | | | id | timestamp | username | password | deptID | status |
|--------------------------|------|------|--------|----|---------------------|----------|----------|--------|--------|
| <input type="checkbox"/> | Edit | Copy | Delete | 1 | 2017-09-28 15:10:51 | test1 | 123456 | 1 | 0 |
| <input type="checkbox"/> | Edit | Copy | Delete | 2 | 2017-09-29 10:06:19 | test2 | 123456 | 2 | 0 |
| <input type="checkbox"/> | Edit | Copy | Delete | 3 | 2017-09-29 10:07:09 | test3 | 123456 | 2 | 0 |
| <input type="checkbox"/> | Edit | Copy | Delete | 4 | 2017-09-29 10:07:09 | test4 | 123456 | 1 | 0 |

Server: 127.0.0.1

[Databases](#)
[SQL](#)
[Status](#)
[User accounts](#)
[Export](#)

Databases

Create database

New

[Add user account](#)

Add user account

Login Information

User name:

Host name: 

Password:

Re-type:

Authentication Plugin

Generate password:

Data

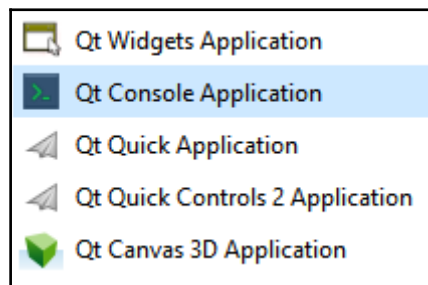
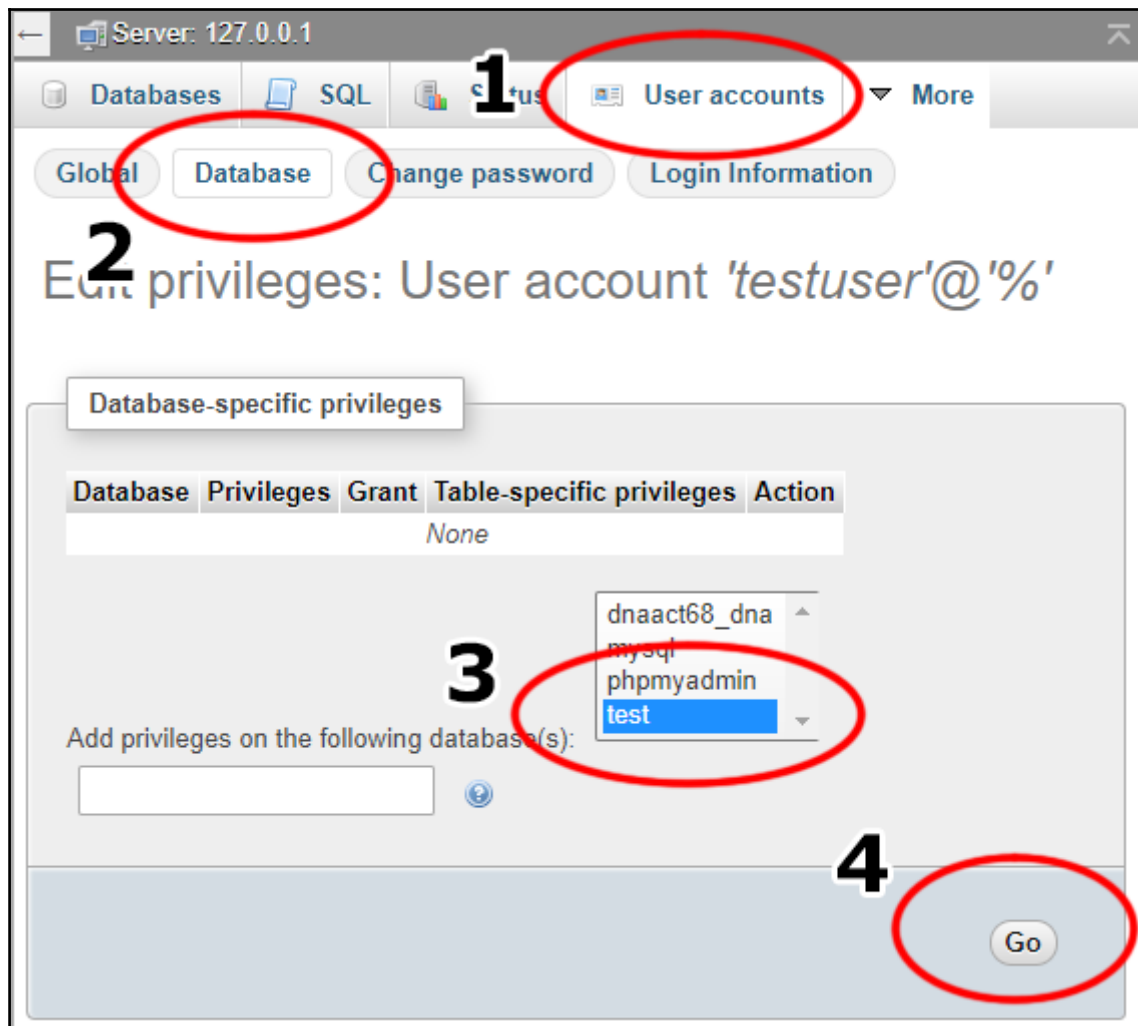
SELECT

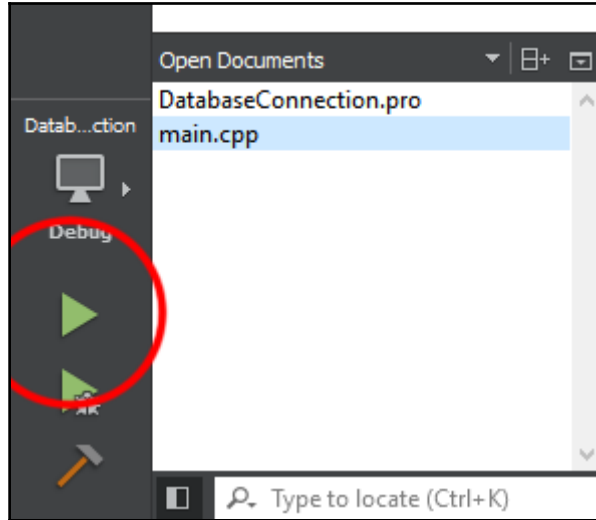
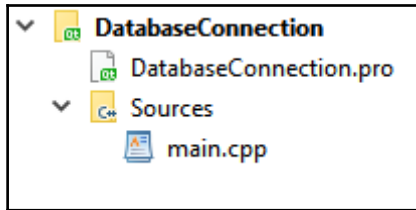
INSERT

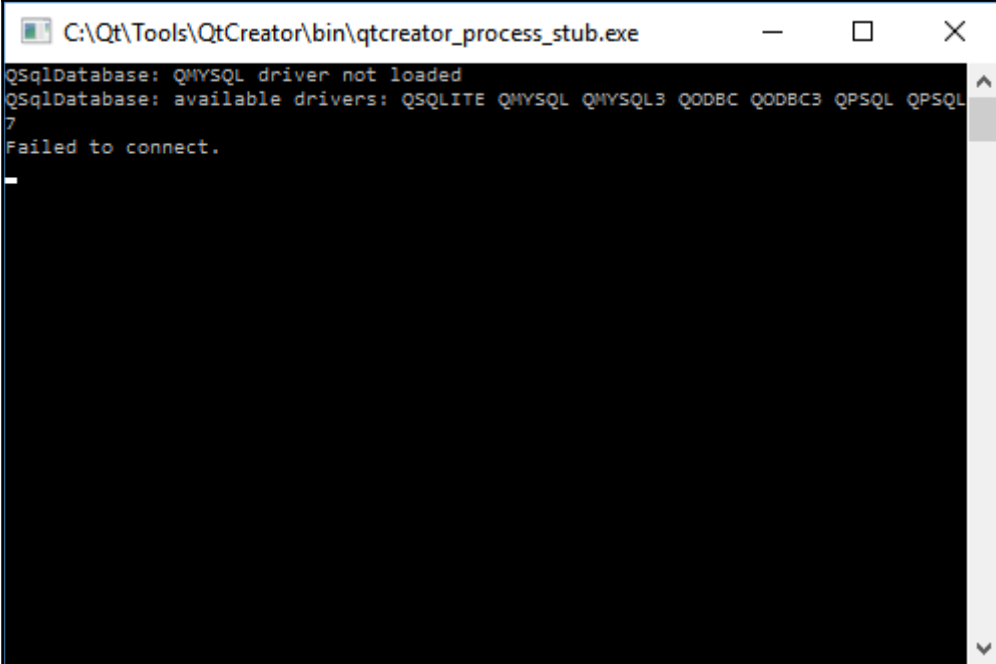
UPDATE

DELETE

FILE










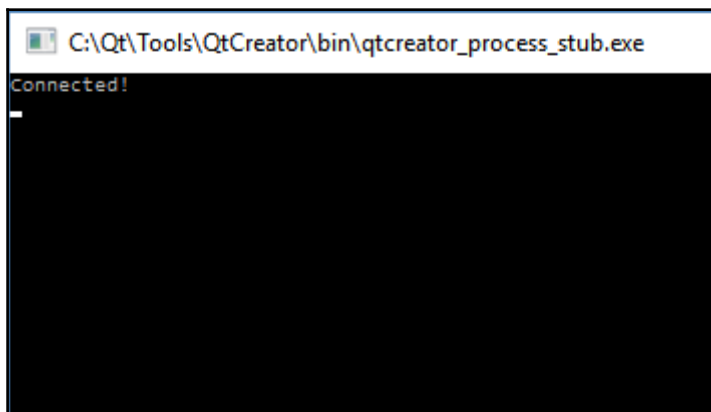
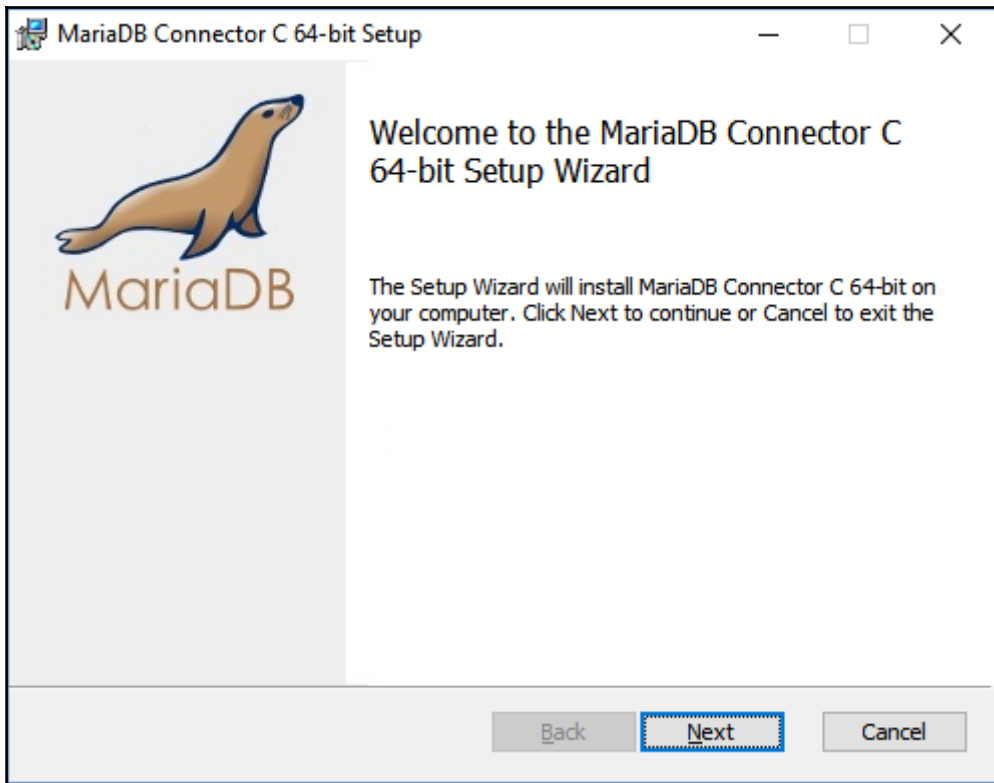
```
C:\Qt\Tools\QtCreator\bin\qtcreator_process_stub.exe
QSqlDatabase: QMYSQL driver not loaded
QSqlDatabase: available drivers: QSQLITE QMYSQL QMYSQL3 QODBC QODBC3 QPSQL QPSQL7
Failed to connect.
```

Database server

- Server: 127.0.0.1 via TCP/IP
- Server type: MariaDB
- Server version: 10.1.21-MariaDB - mariadb.org binary distribution
- Protocol version: 10
- User: root@localhost
- Server charset: UTF-8 Unicode (utf8)

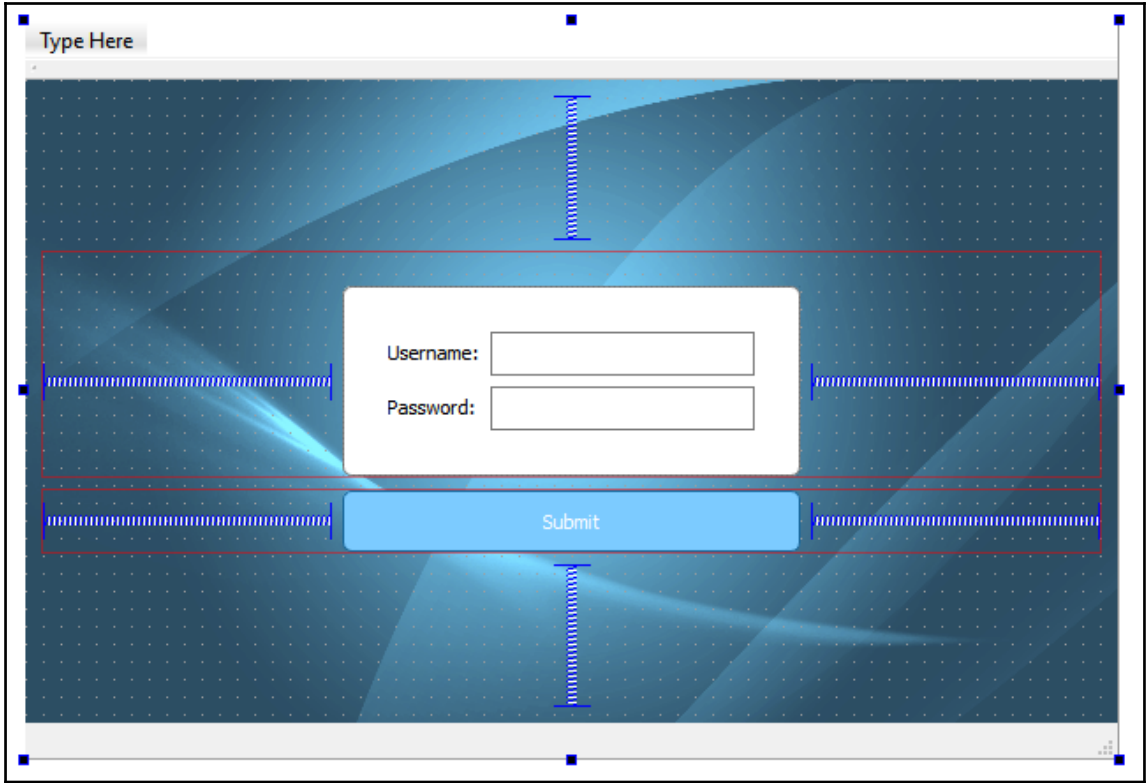
Web server

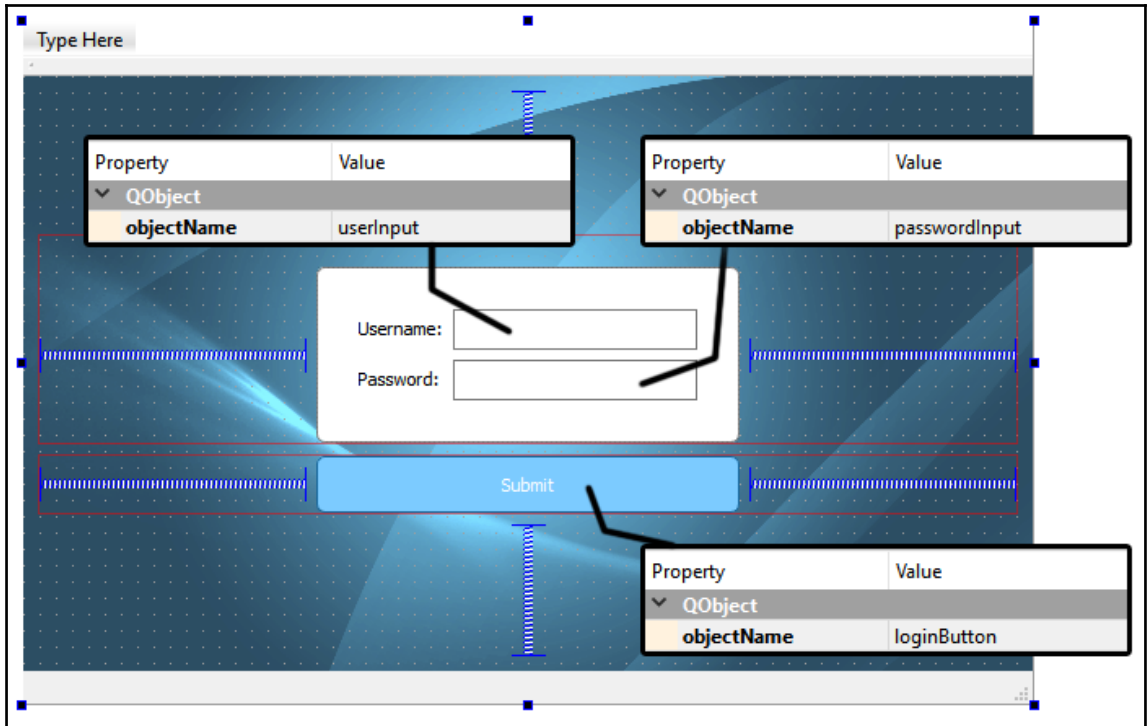
- Apache/2.4.25 (Win32) OpenSSL/1.0.2j PHP/7.1.1
- Database client version: libmysql - mysqlnd 5.0.12-dev - 20150407 - \$Id: b396954eeb2d1d9ed7902b8bae237b287f21ad9e \$
- PHP extension: mysqli  curl  mbstring 
- PHP version: 7.1.1



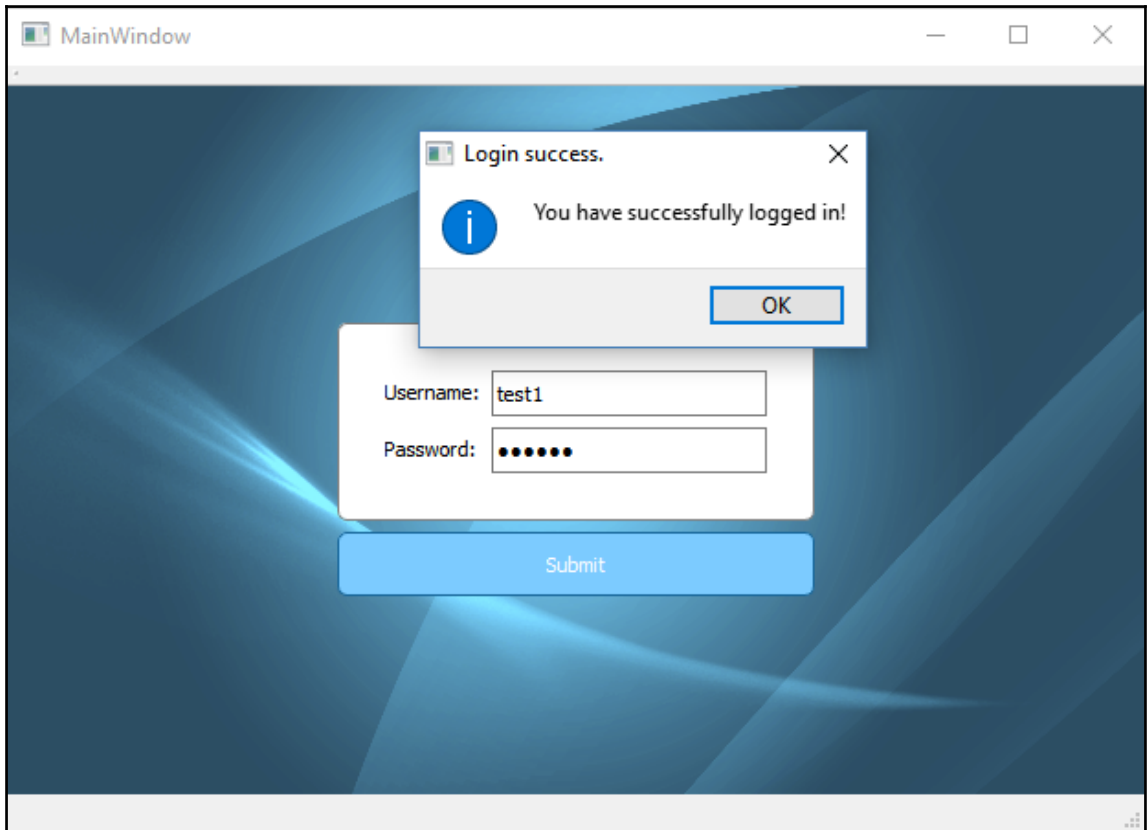
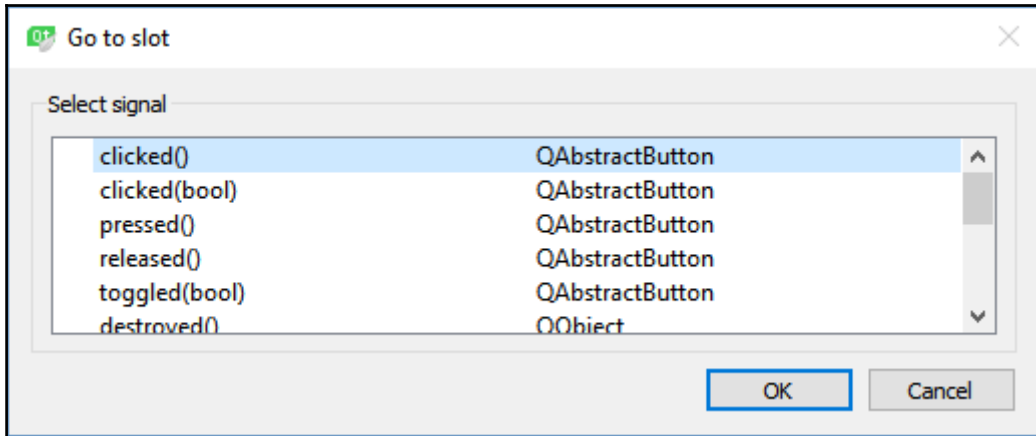
```
C:\Qt\Tools\QtCreator\bin\qtcreator_process_stub.exe
Connected!
"Marketing"
"Engineering"
-
```

```
C:\Qt\Tools\QtCreator\bin\qtcreator_process_stub.exe
Connected!
"test1" "Marketing"
"test2" "Engineering"
"test3" "Engineering"
"test4" "Marketing"
-
```

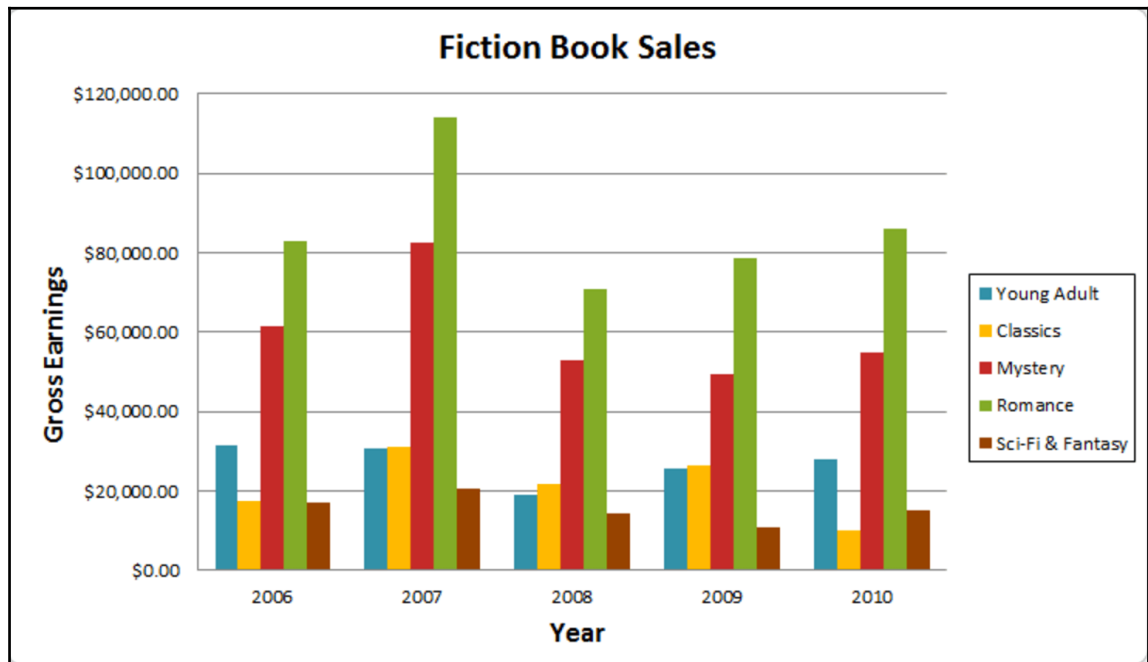
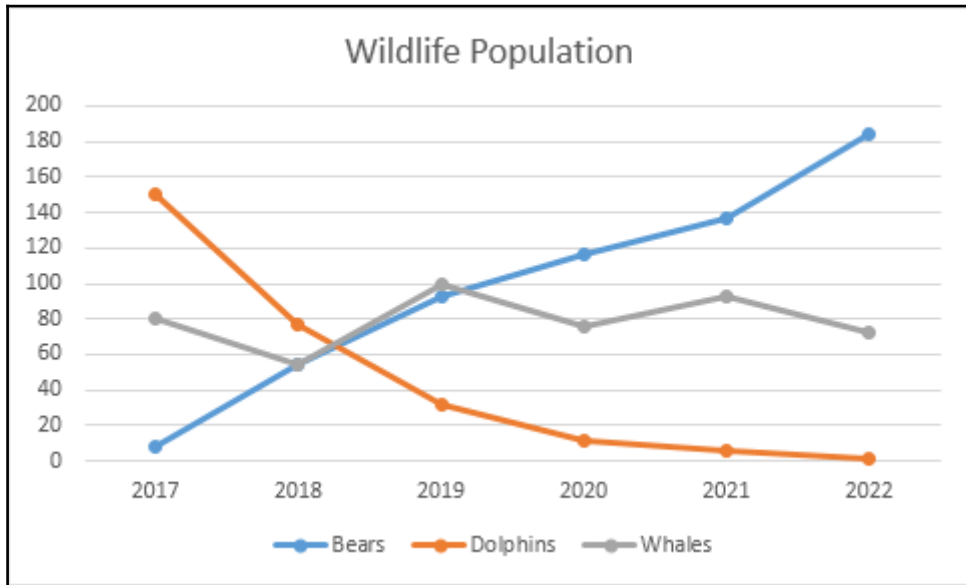




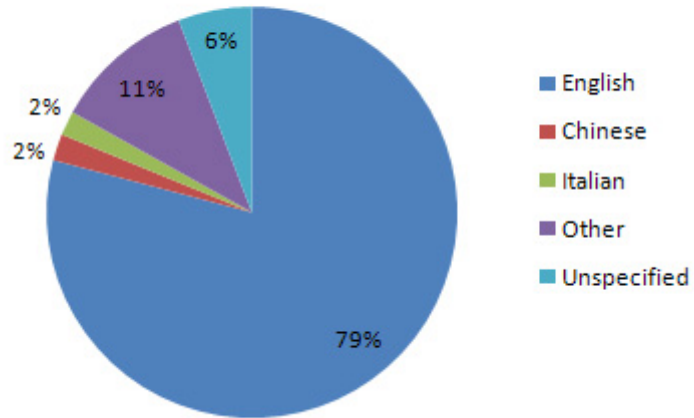
| | |
|--------------------|-------------------------------------|
| > inputMask | |
| > text | |
| maxLength | 32767 |
| frame | <input checked="" type="checkbox"/> |
| echoMode | Normal |
| cursorPosition | Normal |
| > alignment | NoEcho |
| dragEnabled | Password |
| readOnly | PasswordEchoOnEdit |
| > placeholderText | <input type="checkbox"/> |
| cursorMoveStyle | LogicalMoveStyle |
| clearButtonEnabled | <input type="checkbox"/> |



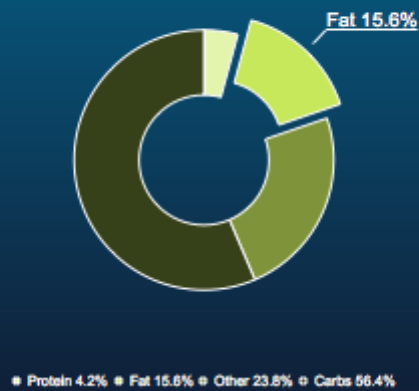
Chapter 4: Graphs and Chart



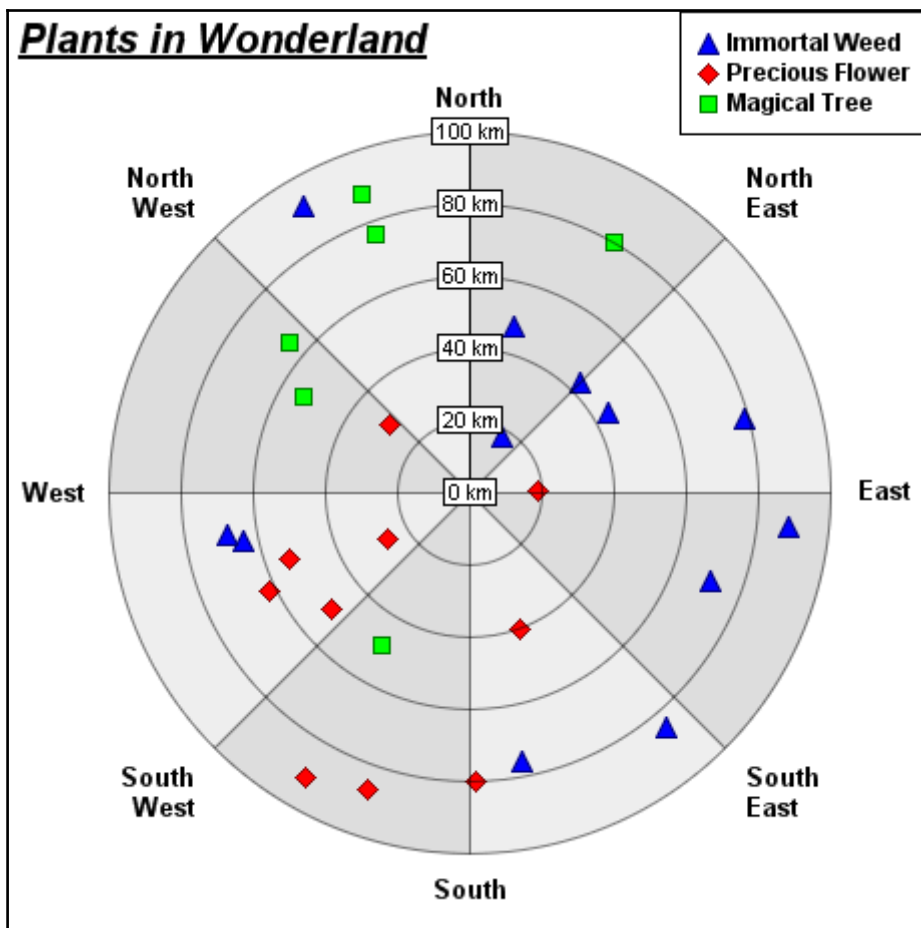
Language Composition of Australia

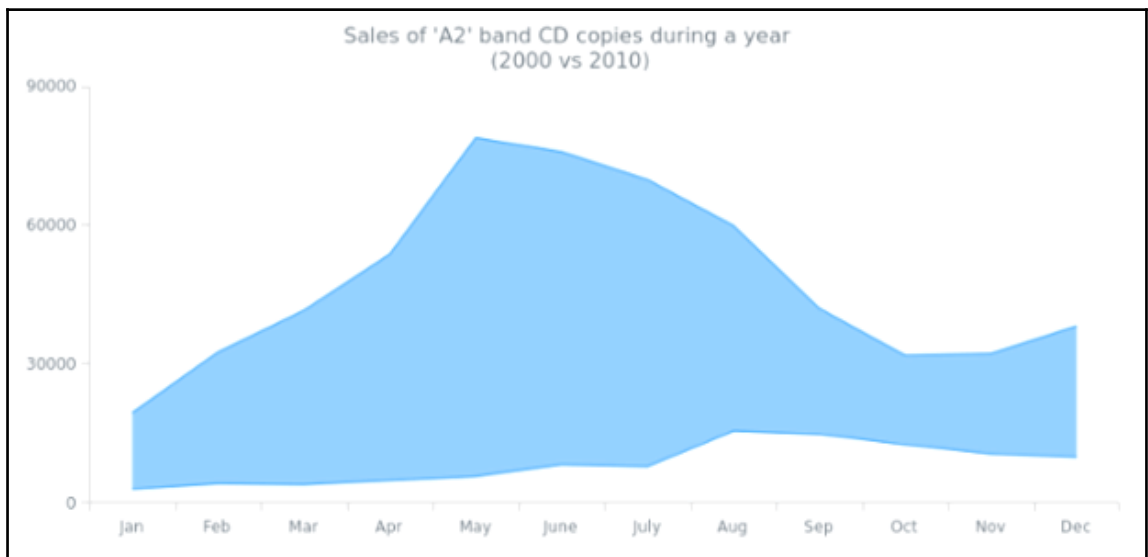
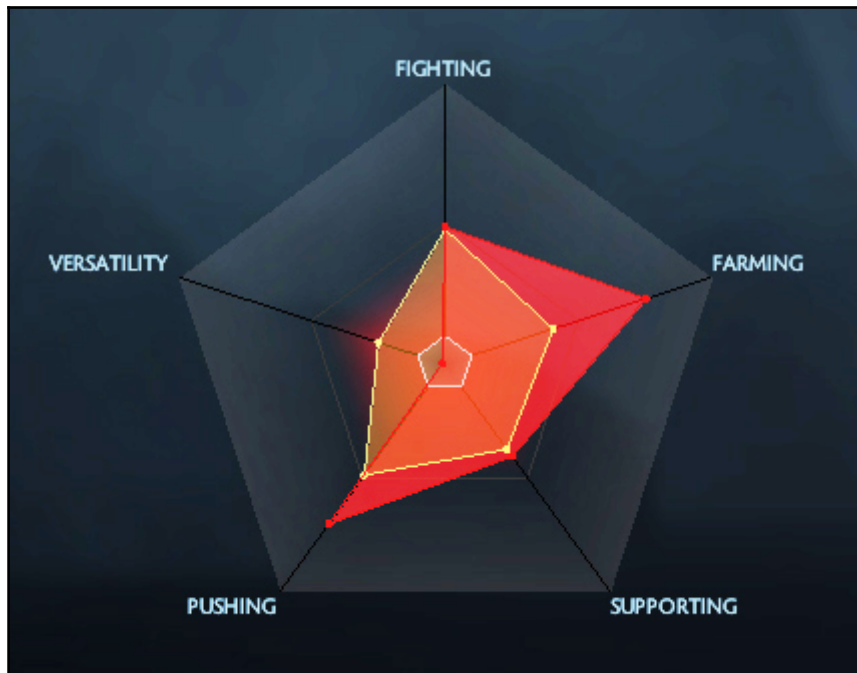


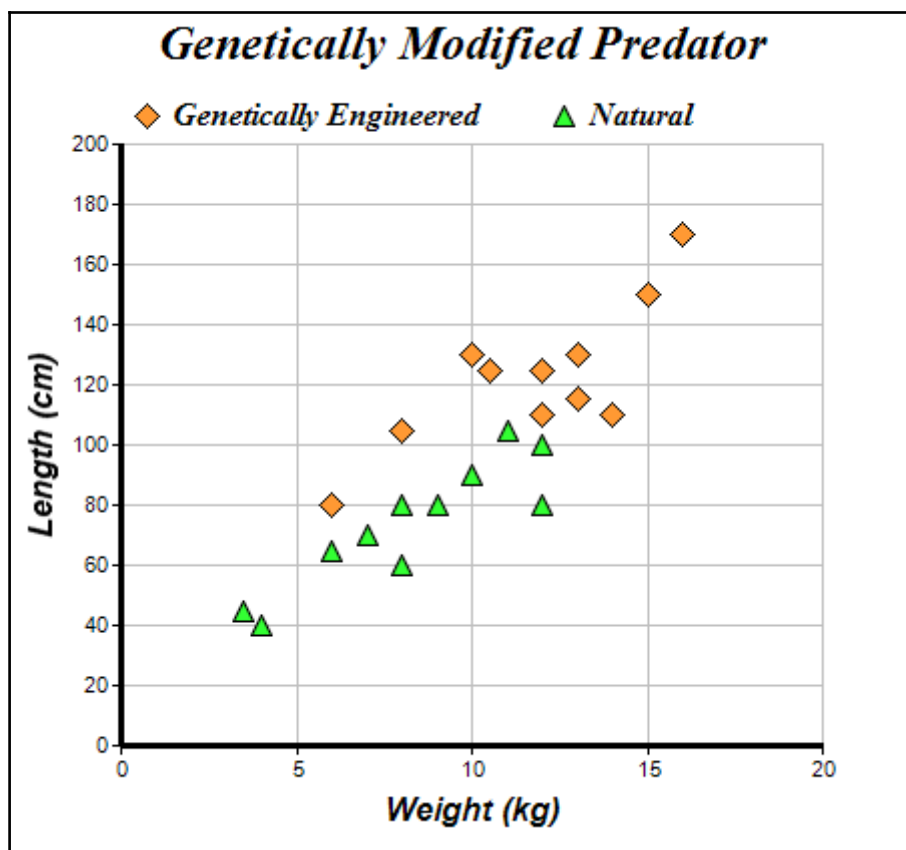
Donut with a lemon glaze (100g)

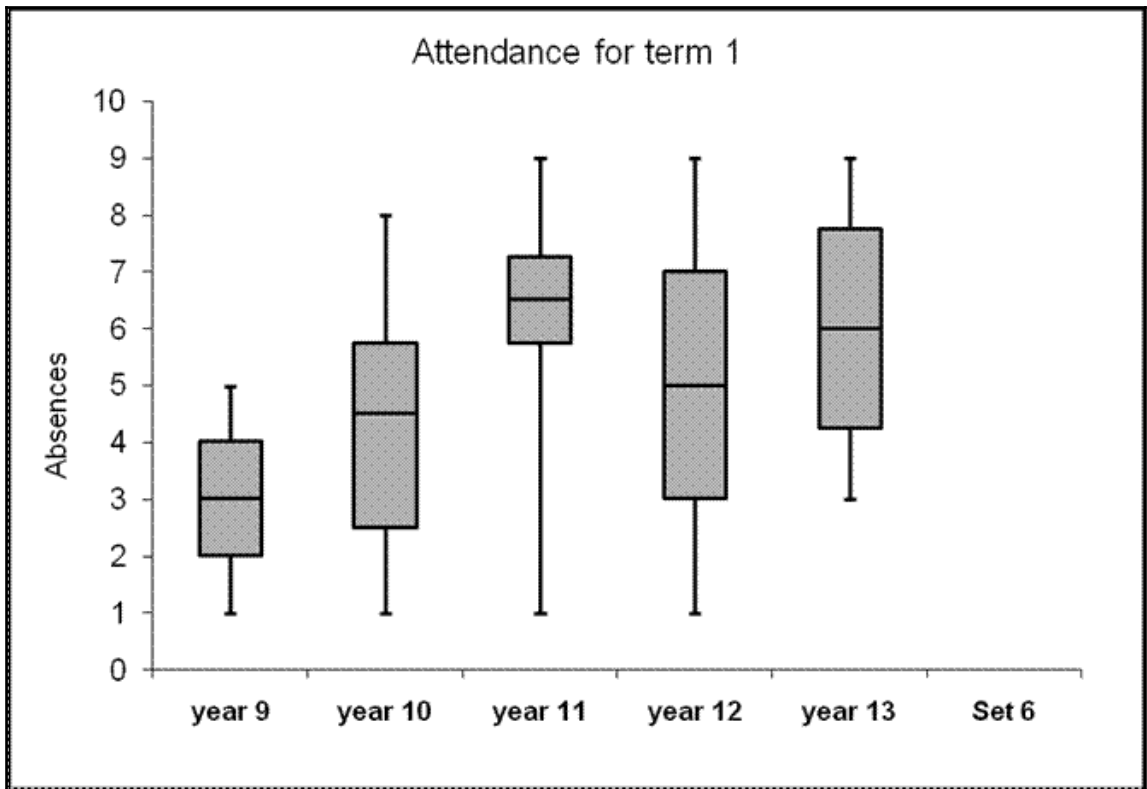


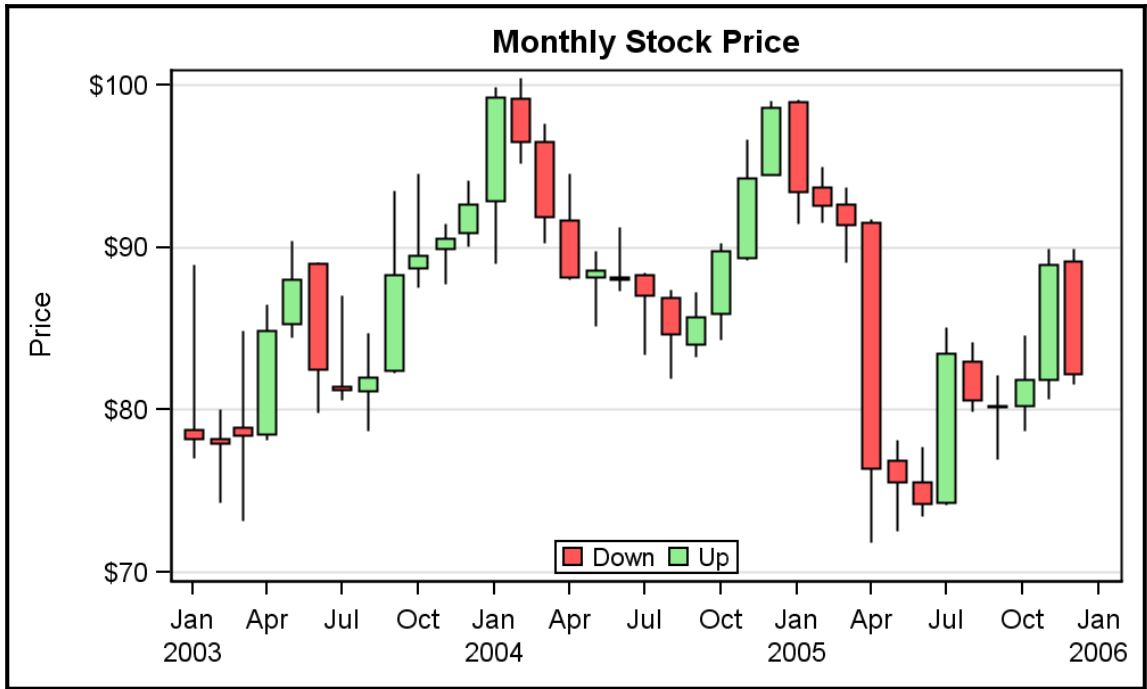
Plants in Wonderland

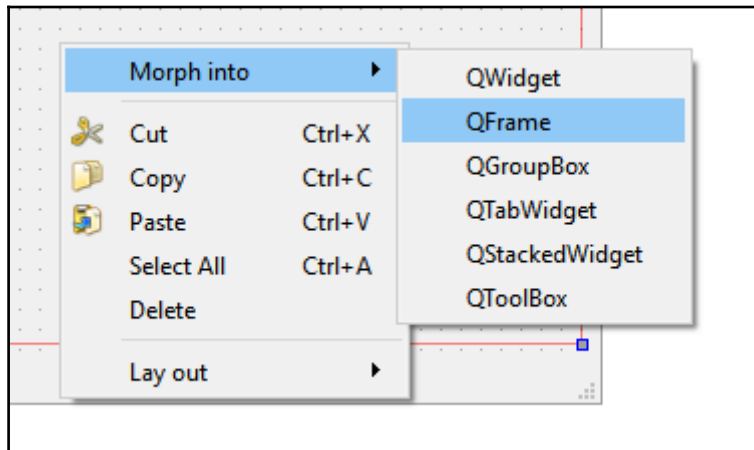
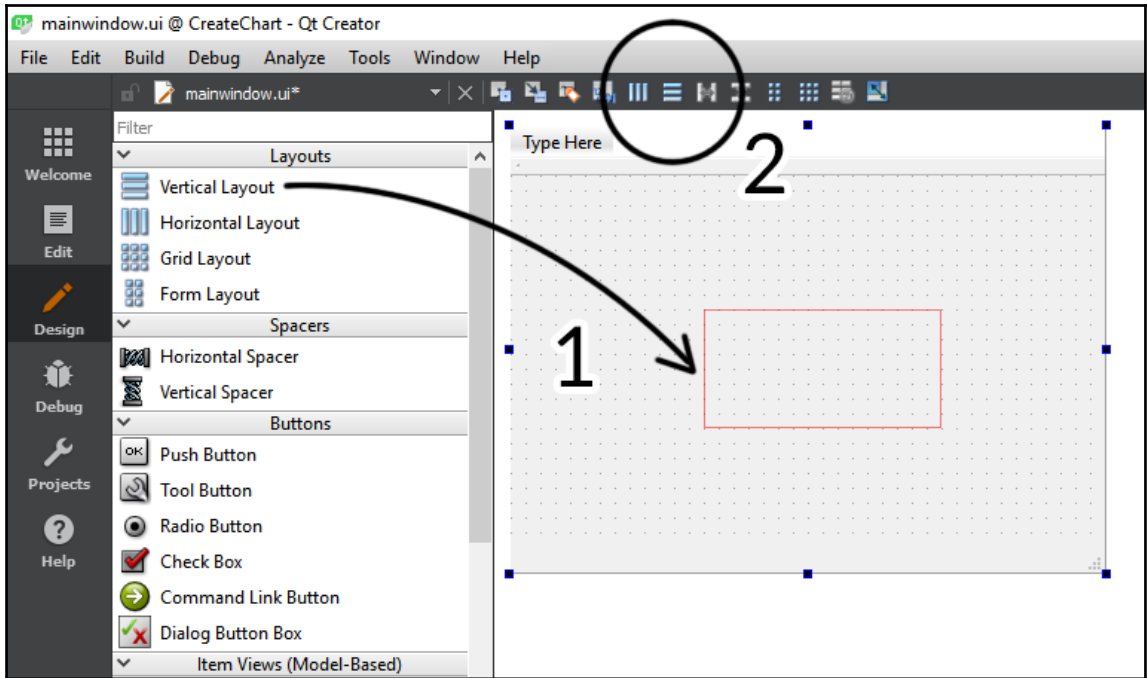


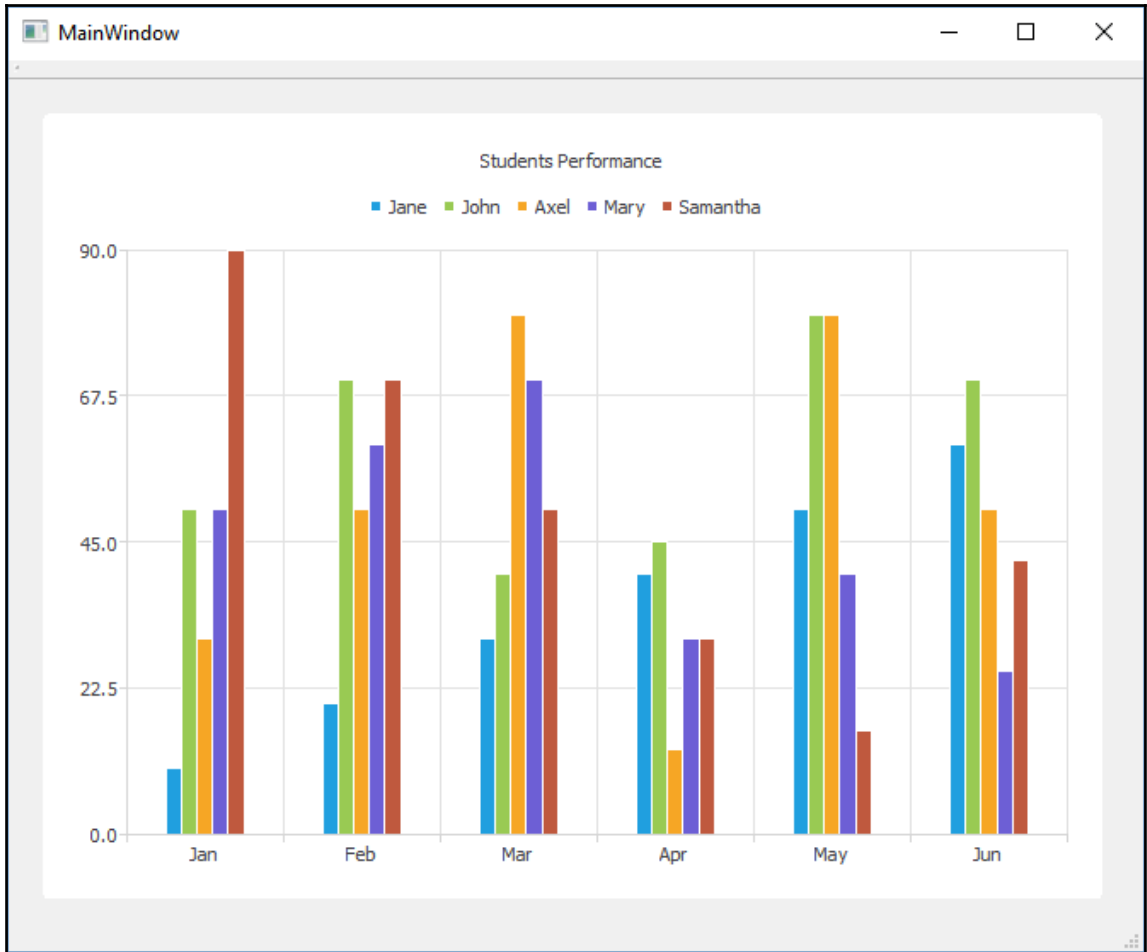


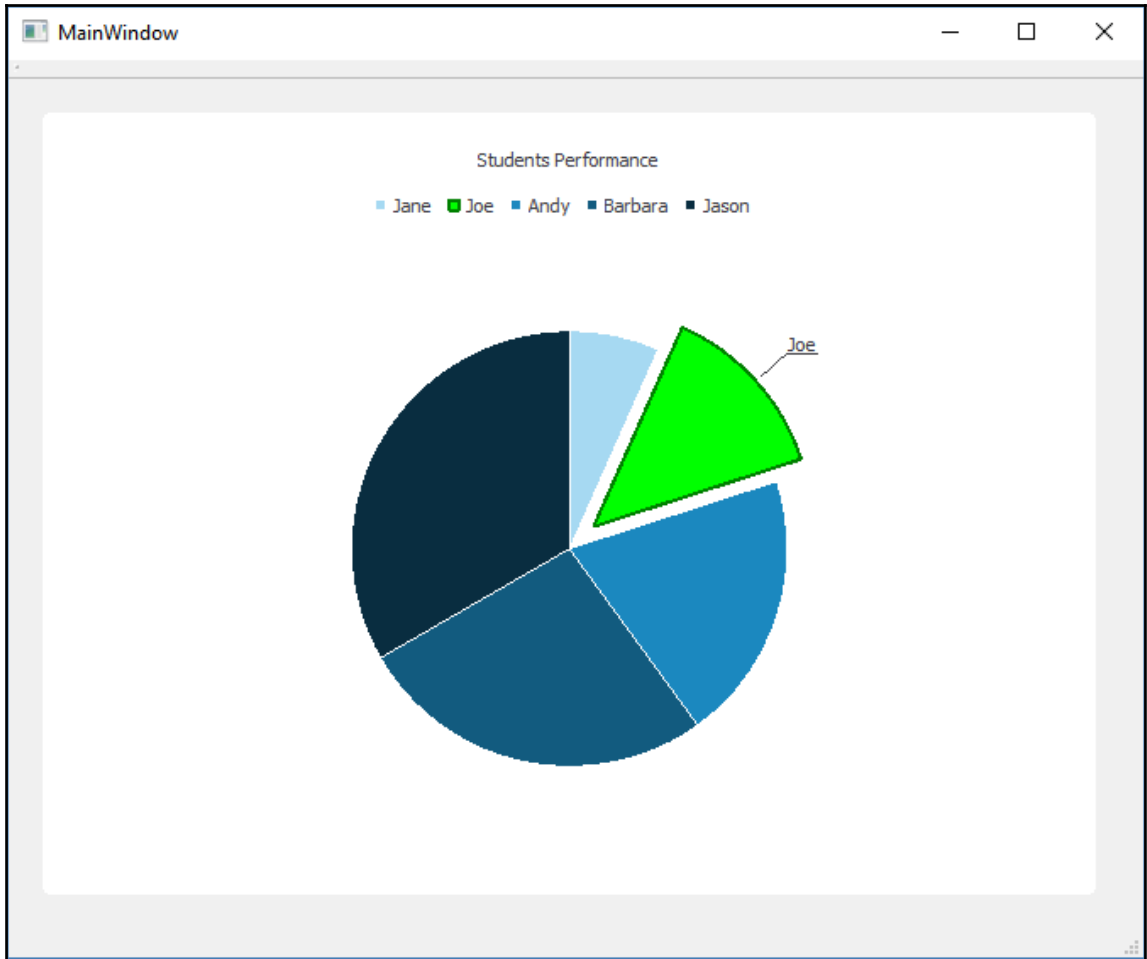












SB Admin v2.0

Search...

Dashboard

- Dashboard
- Charts
- Tables
- Forms
- UI Elements
- Multi-Level Dropdown
- Sample Pages

Dashboard

26
New Comments

[View Details](#)

12
New Tasks

[View Details](#)

124
New Orders

[View Details](#)

13
Support Tickets

[View Details](#)

Area Chart Example

30,000
22,500
15,000
7,500
0

2011 2012

Notifications Panel

- New Comment 4 minutes ago
- 3 New Followers 12 minutes ago
- Message Sent 27 minutes ago
- New Task 43 minutes ago
- Server Rebooted 11:32 AM
- Server Crashed! 11:13 AM
- Server Not Responding 10:57 AM
- New Order Placed 9:49 AM
- Payment Received Yesterday

[View All Alerts](#)

Bar Chart Example

| # | Date | Time |
|---|------|------|
| | | |

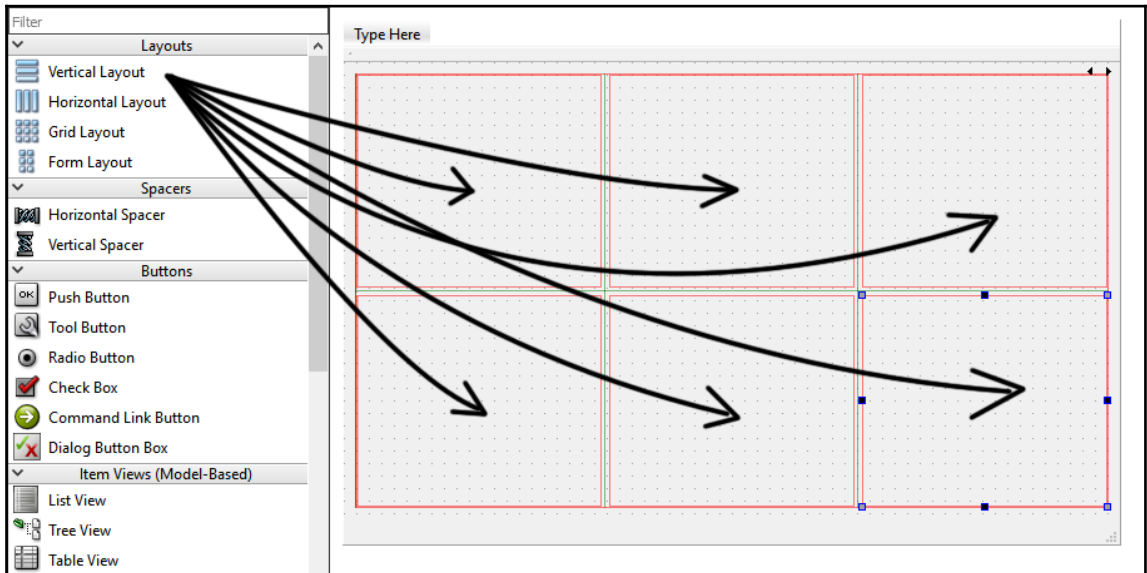
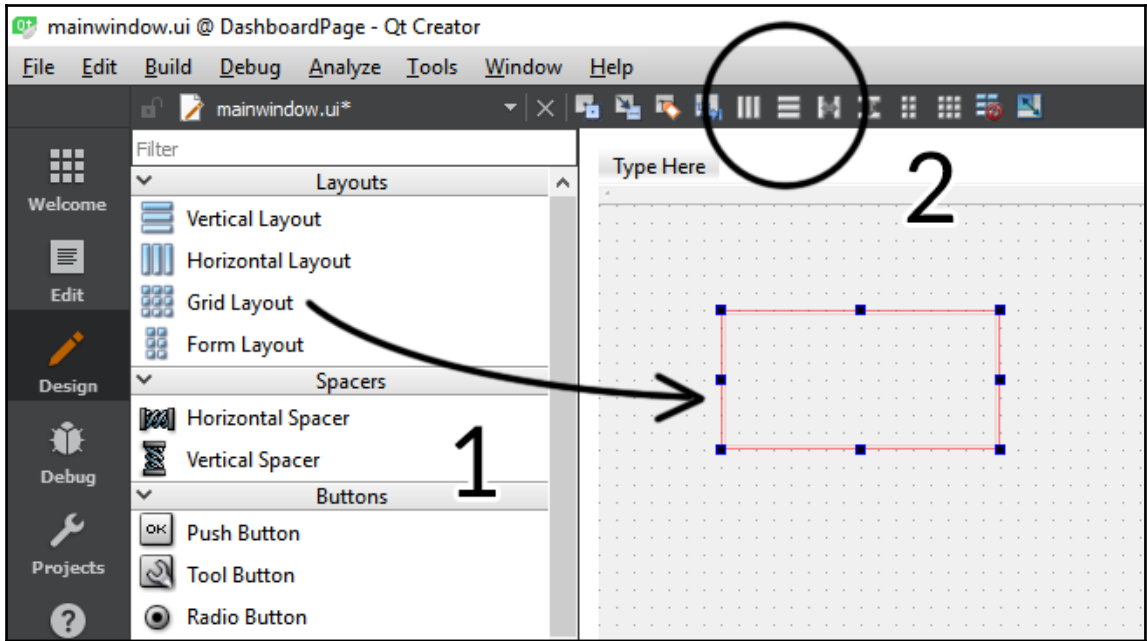
Type Here

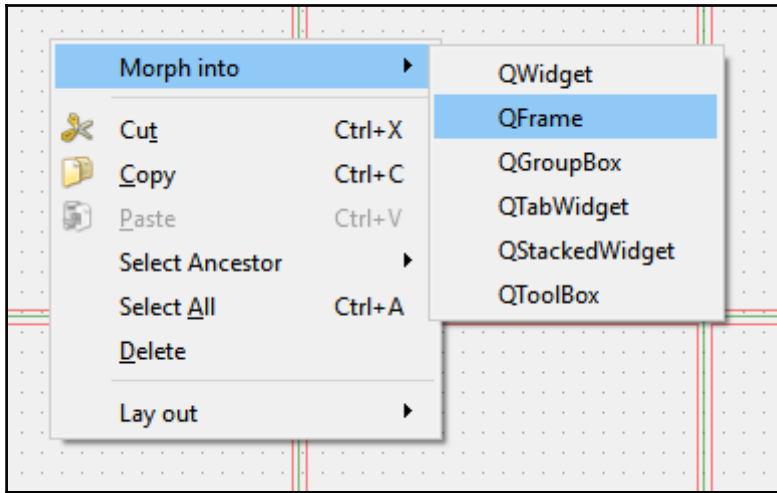
| Object | Class |
|----------------------|-------------|
| MainWindow | QMainWindow |
| centralWidget | QWidget |
| > horizontalLayout_2 | QHBoxLayout |
| > horizontalLayout | QHBoxLayout |
| verticalSpacer | Spacer |
| verticalSpacer_2 | Spacer |
| menuBar | QMenuBar |
| mainToolBar | QToolBar |
| statusBar | QStatusBar |

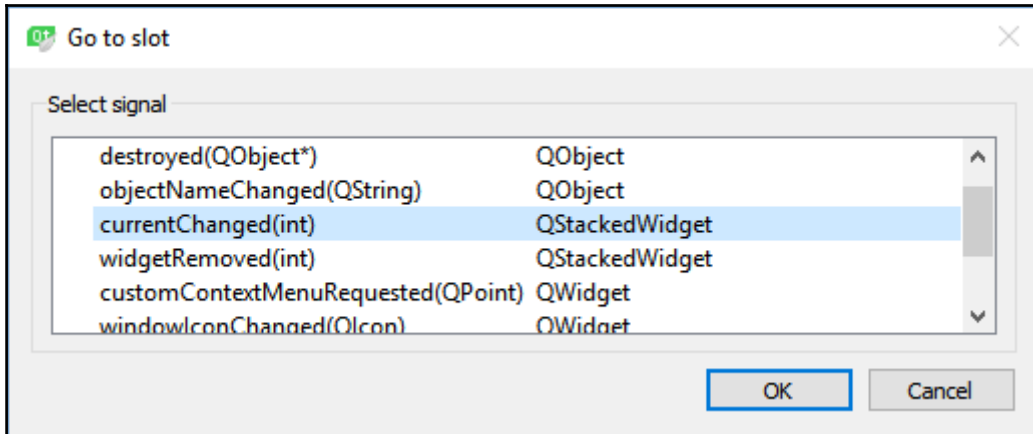
| Object | Class |
|--------------------|-------------|
| MainWindow | QMainWindow |
| centralWidget | QWidget |
| horizontalLayout_2 | QHBoxLayout |
| horizontalLayout | QHBoxLayout |
| verticalSpacer | Spacer |
| verticalSpacer_2 | Spacer |
| menuBar | QMenuBar |
| mainToolBar | QToolBar |
| statusBar | QStatusBar |

| Object | Class |
|------------------|----------------|
| MainWindow | QMainWindow |
| centralWidget | QWidget |
| stackedWidget | QStackedWidget |
| loginPage | QWidget |
| horiz...out_2 | QHBoxLayout |
| horiz...ayout | QHBoxLayout |
| verticalSpacer | Spacer |
| verticalSpacer_2 | Spacer |
| dashboardPage | QWidget |
| menuBar | QMenuBar |
| mainToolBar | QToolBar |
| statusBar | QStatusBar |

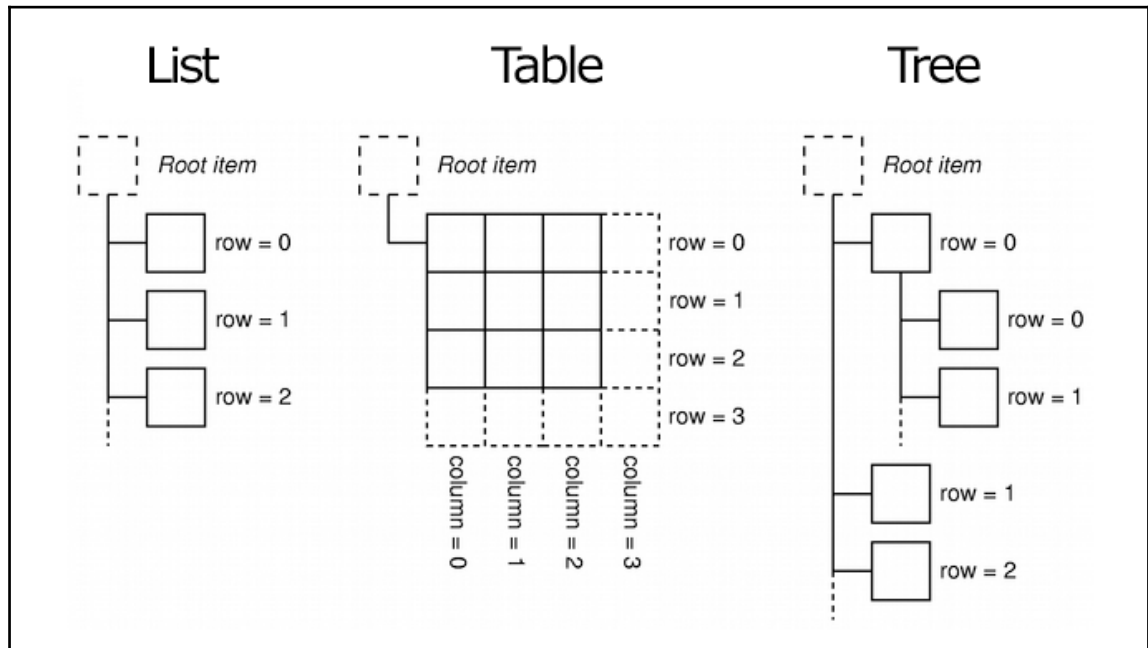
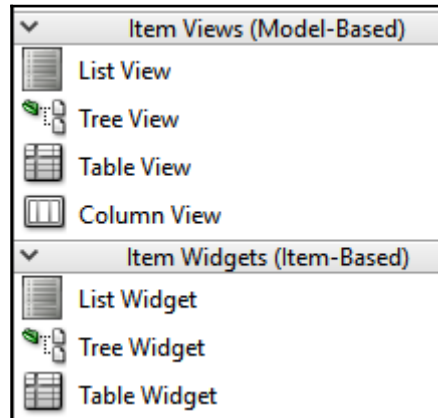
| Layout | |
|----------------------|----------------------|
| layoutName | verticalLayout |
| layoutLeftMargin | 0 |
| layoutTopMargin | 0 |
| layoutRightMargin | 0 |
| layoutBottomMargin | 0 |
| layoutSpacing | 0 |
| layoutStretch | 0 |
| layoutSizeConstraint | SetDefaultConstraint |

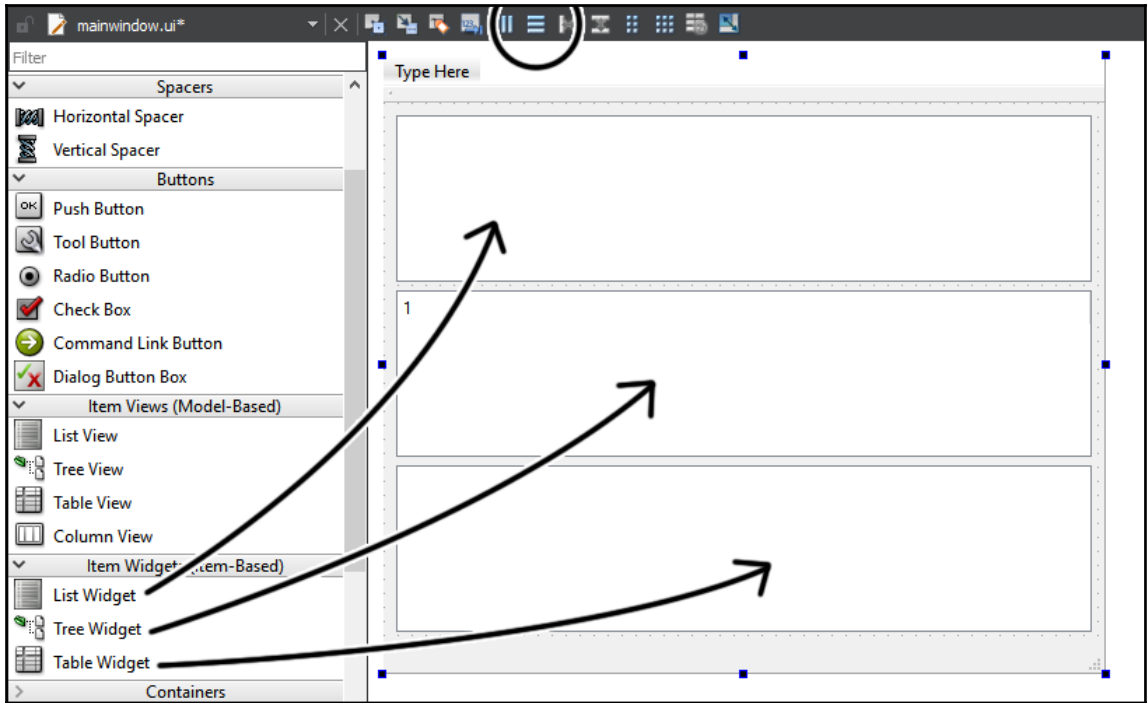


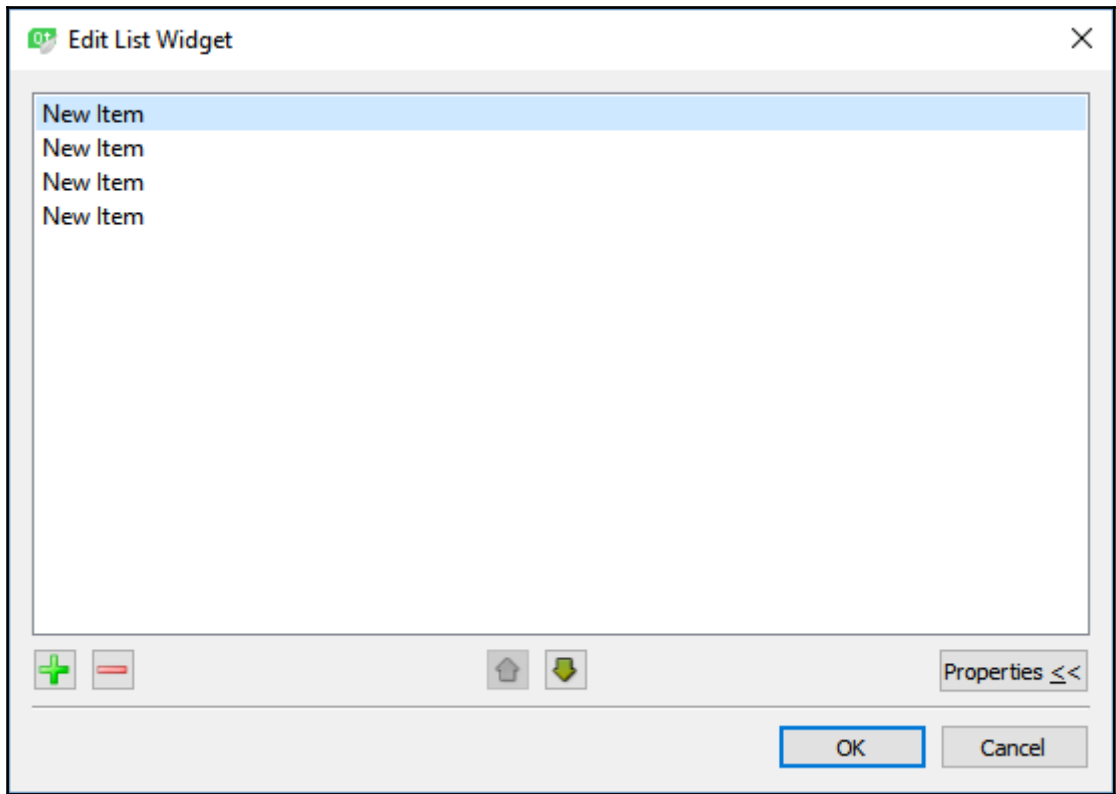


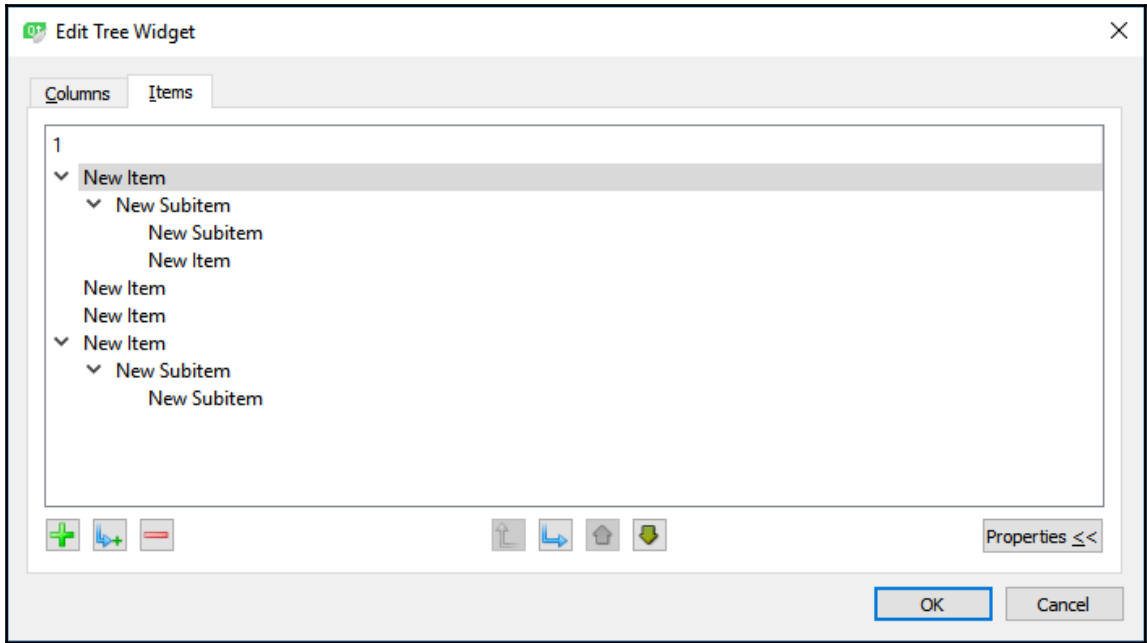


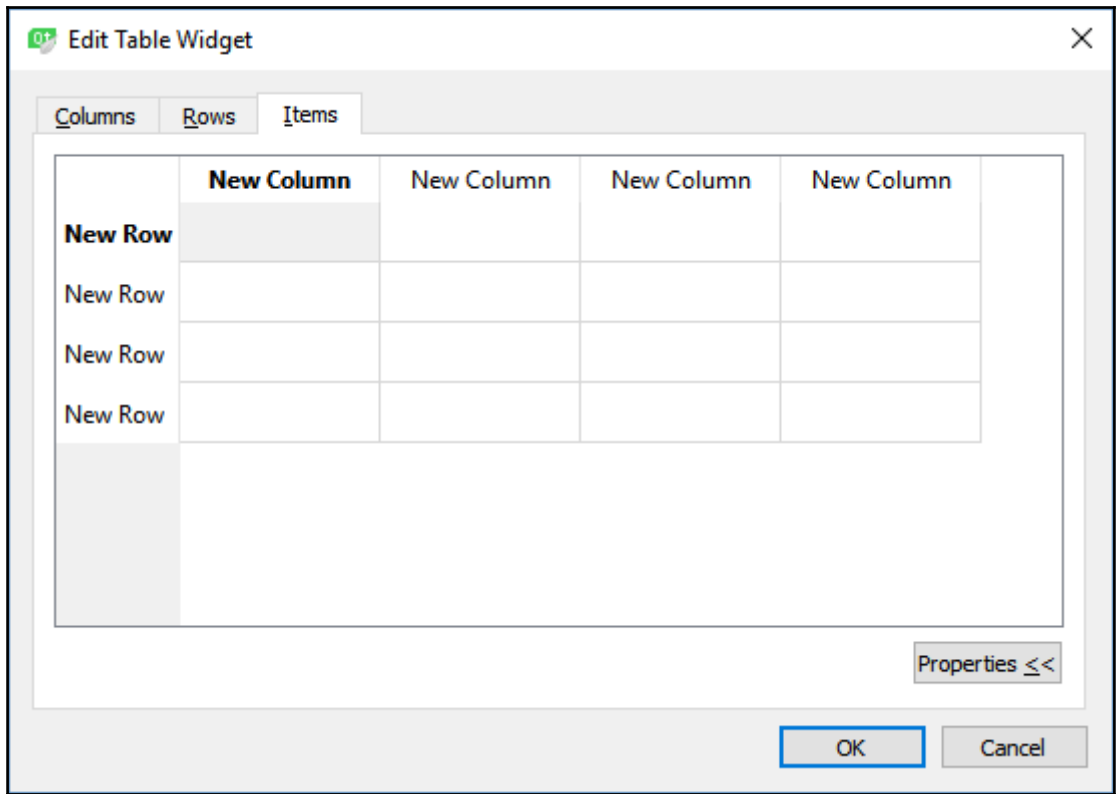
Chapter 5: Item Views and Dialog

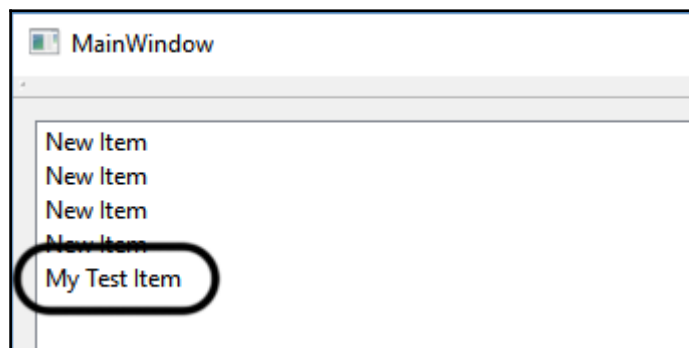
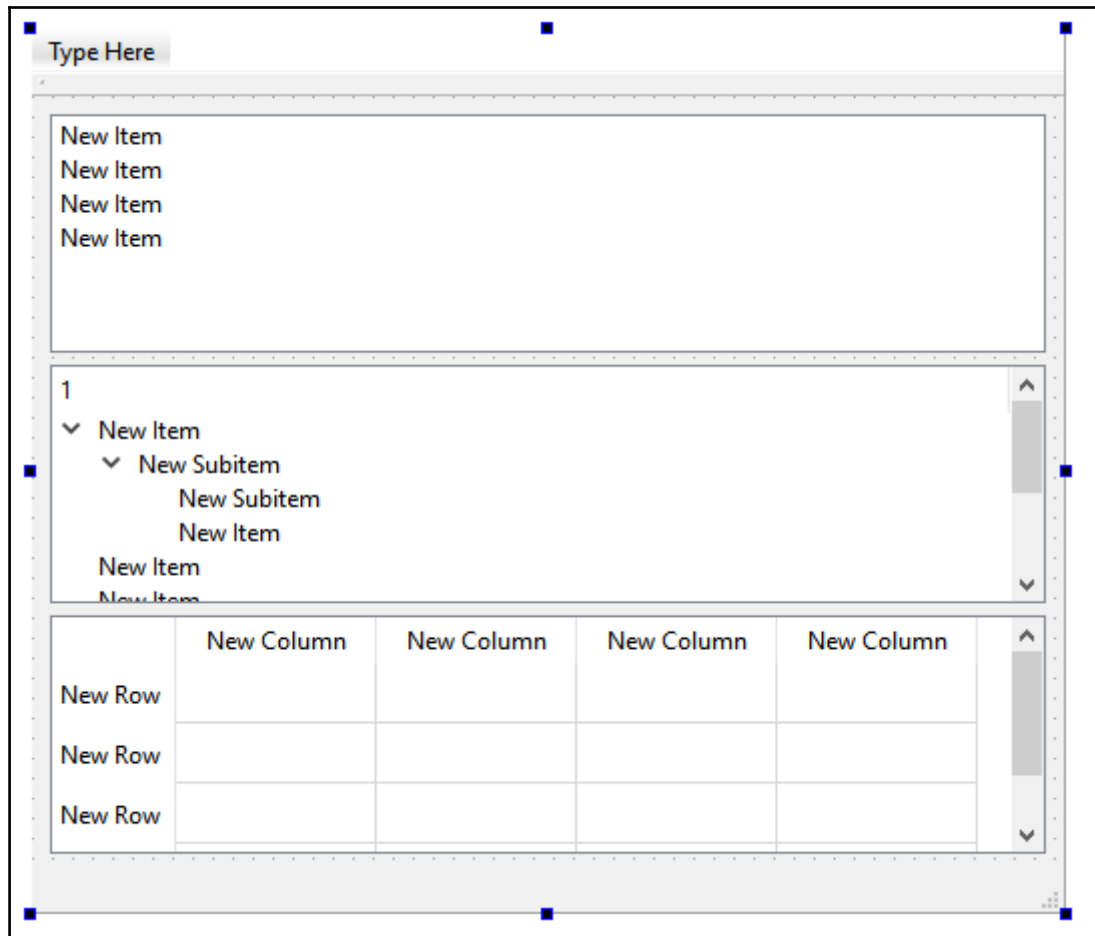


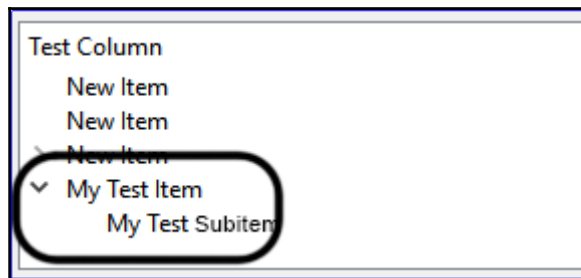
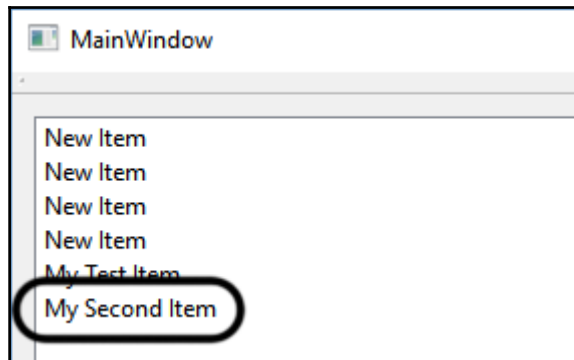




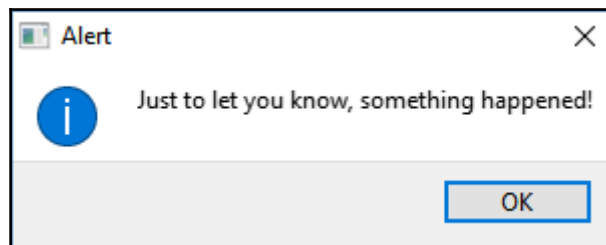


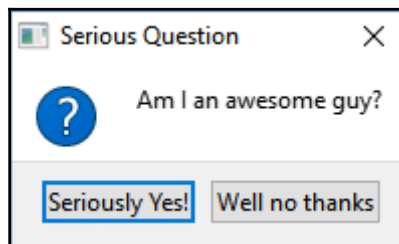
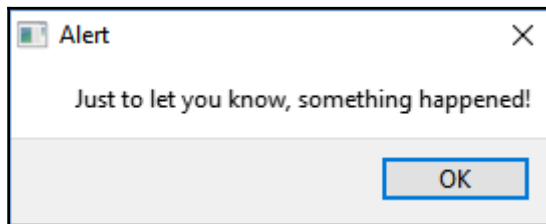
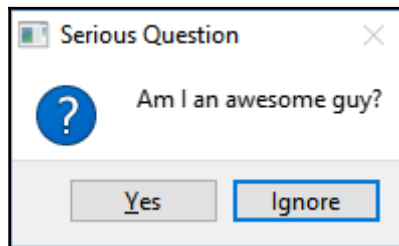
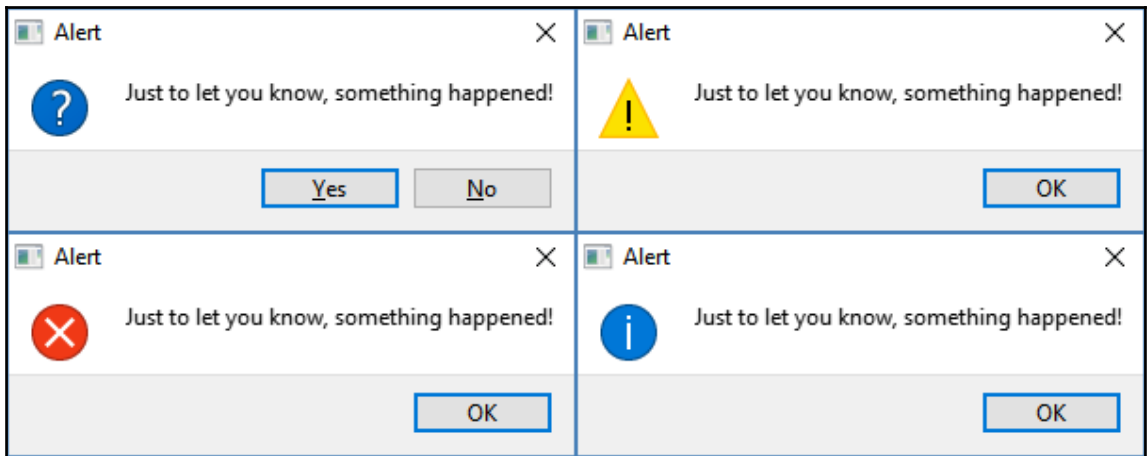


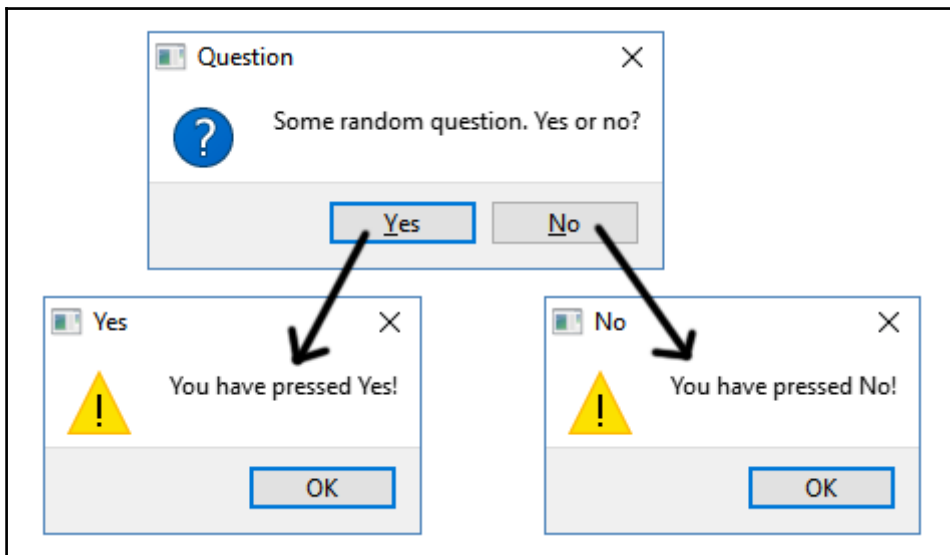
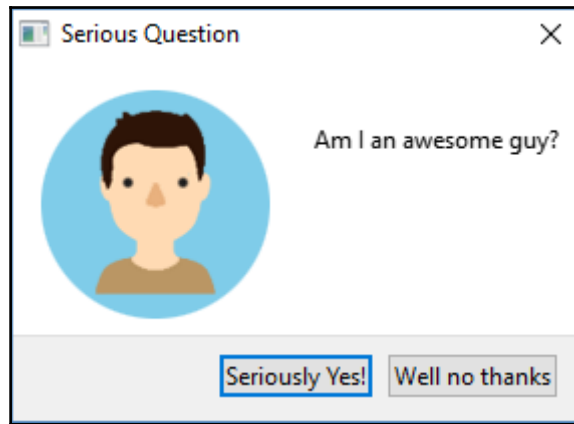


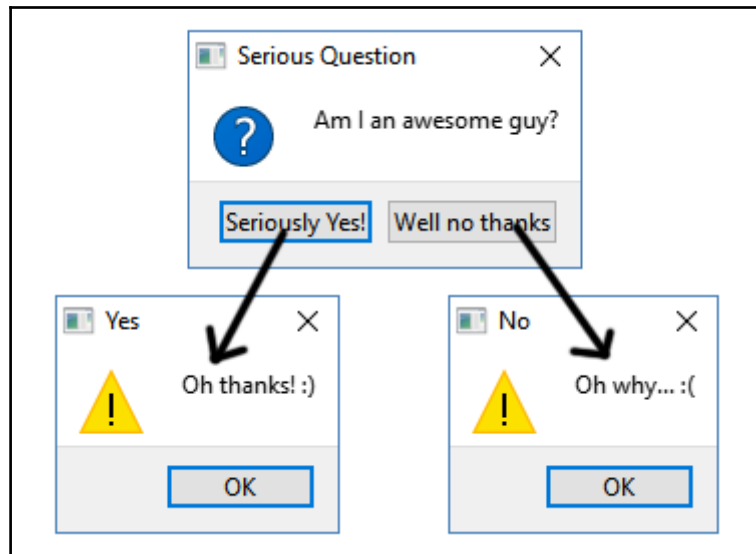


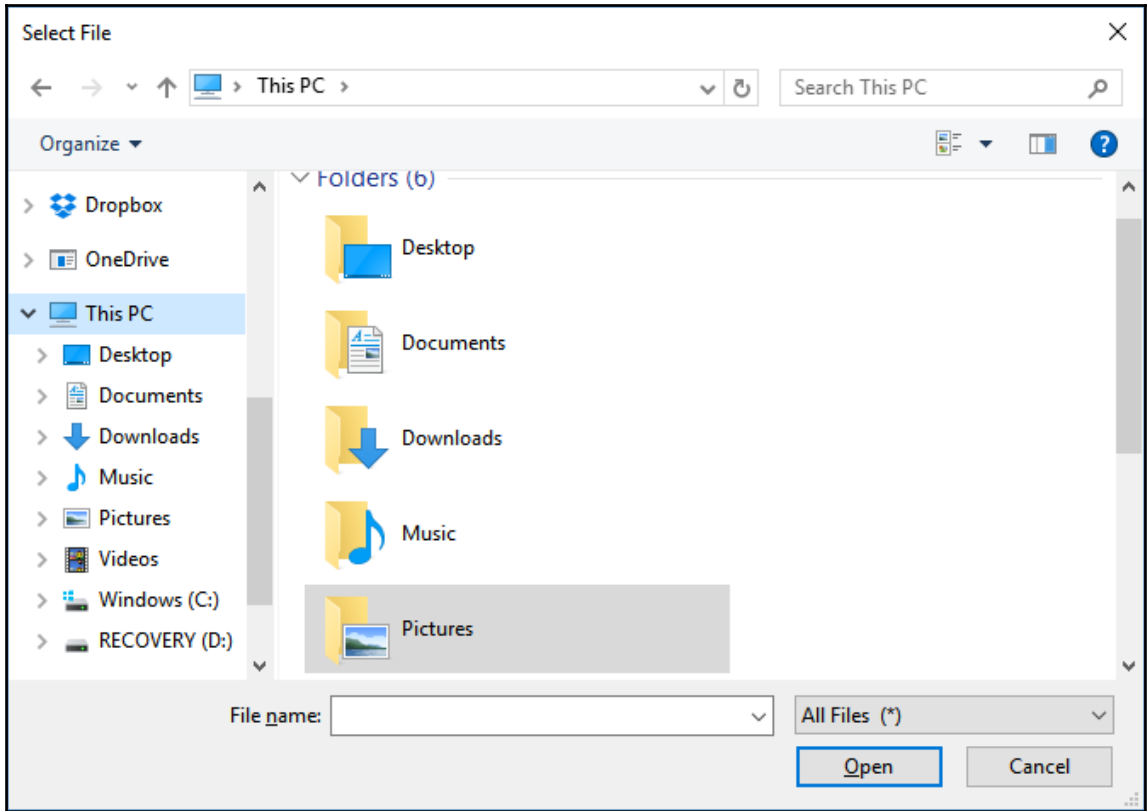
| | New Column | New Column | New Column | New Column |
|---------|------------|------------|------------|------------|
| New Row | Testing1 | | | |
| New Row | | | Testing2 | |
| New Row | | | | |

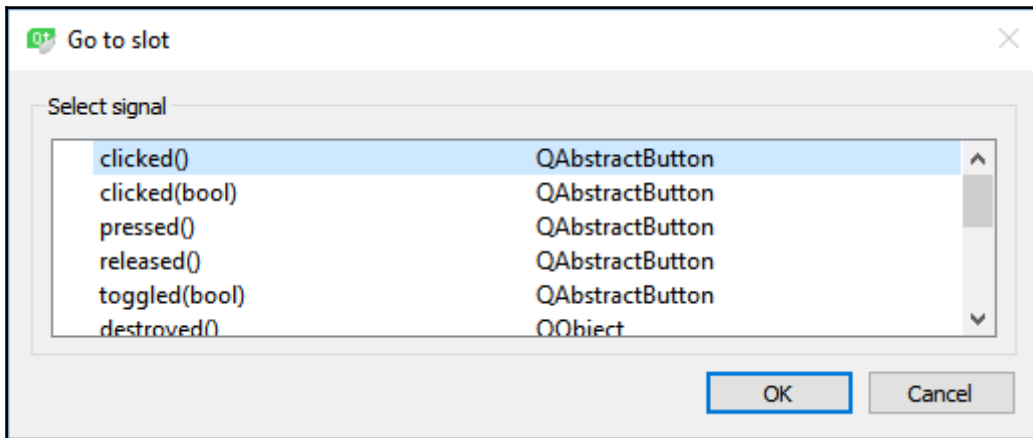
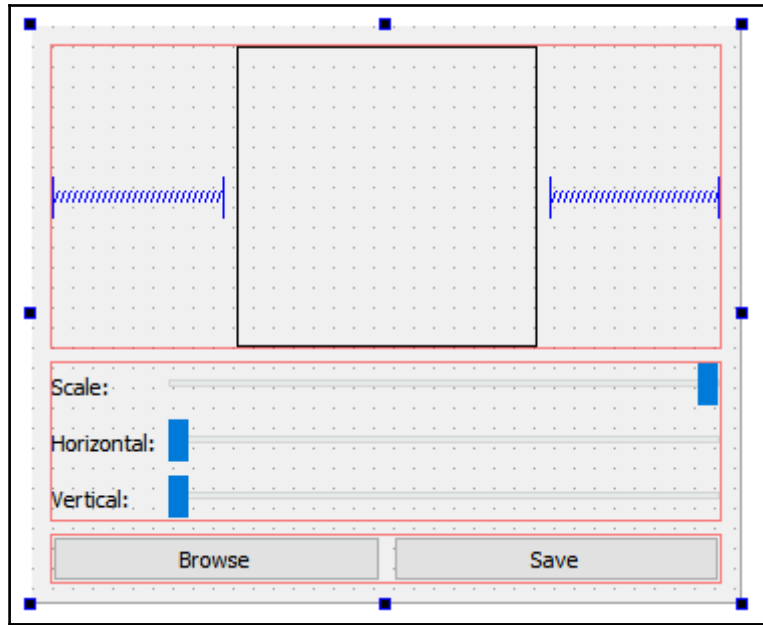


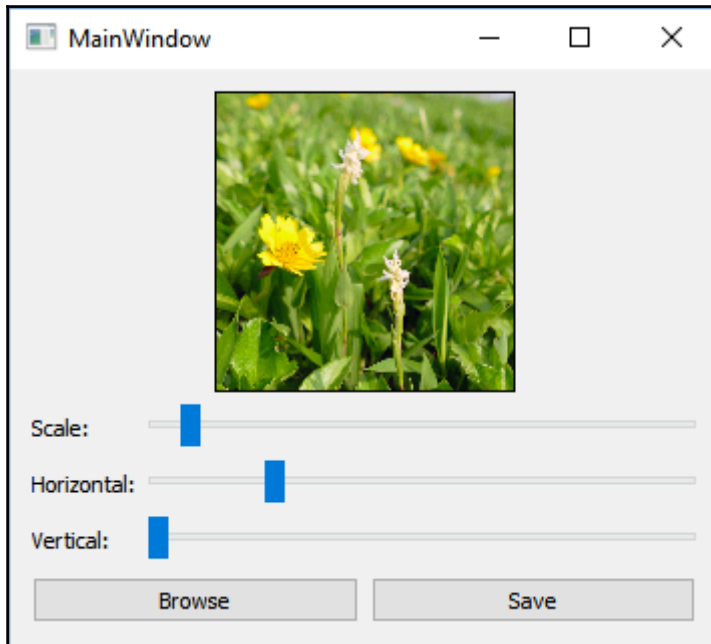
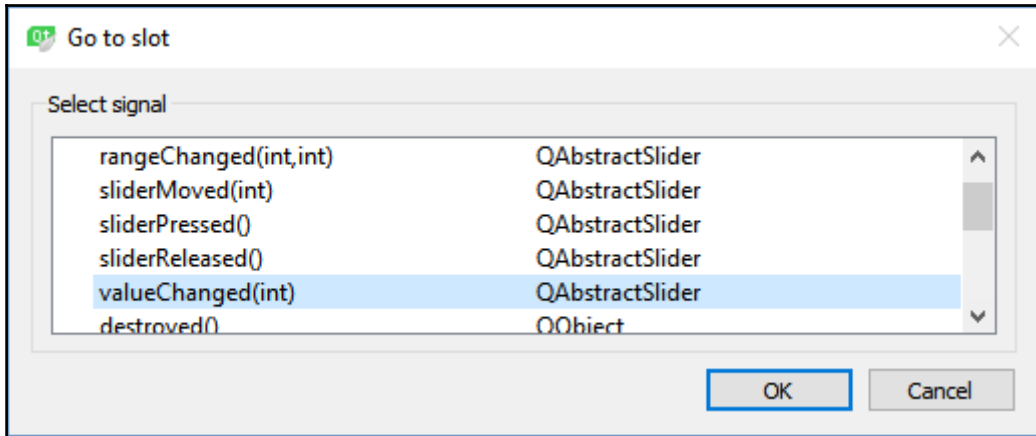




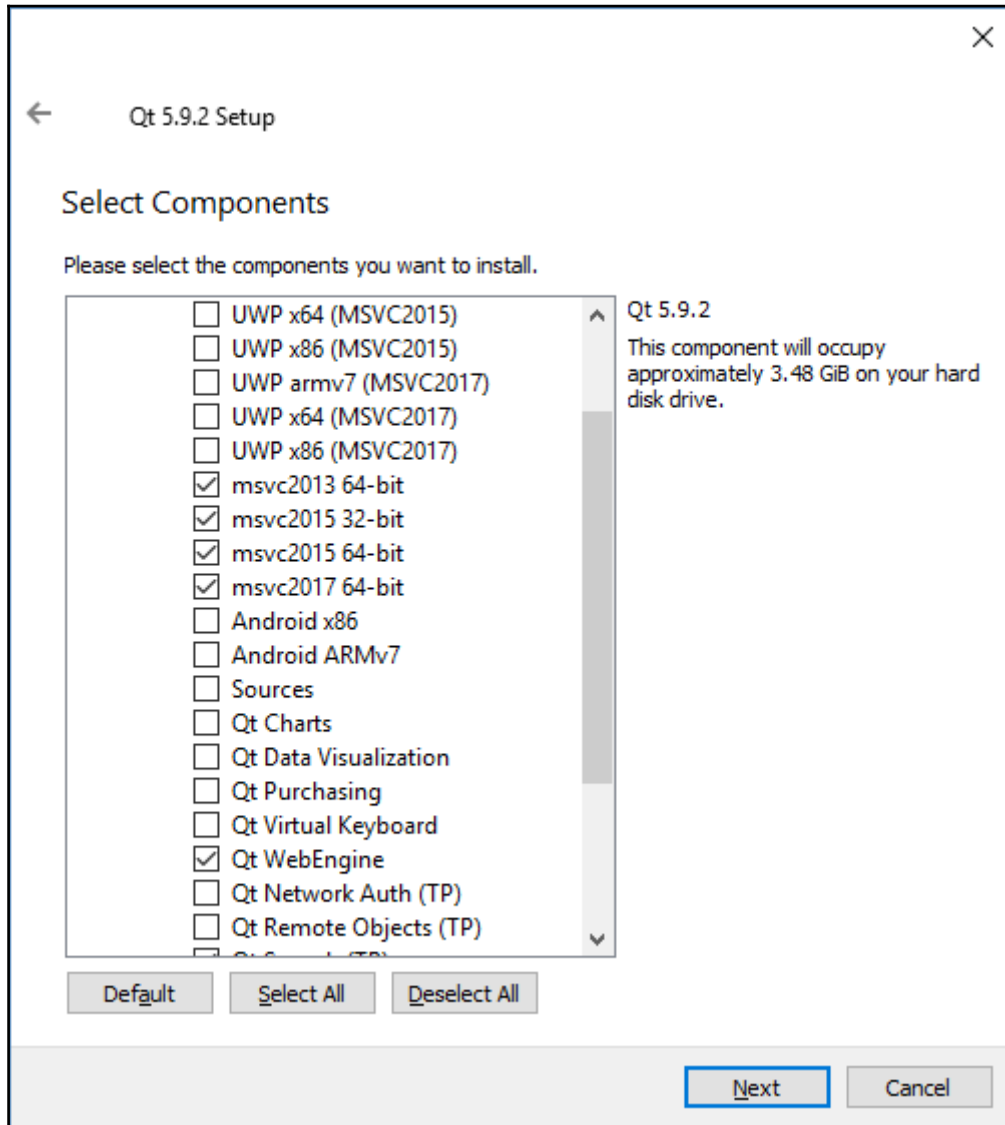


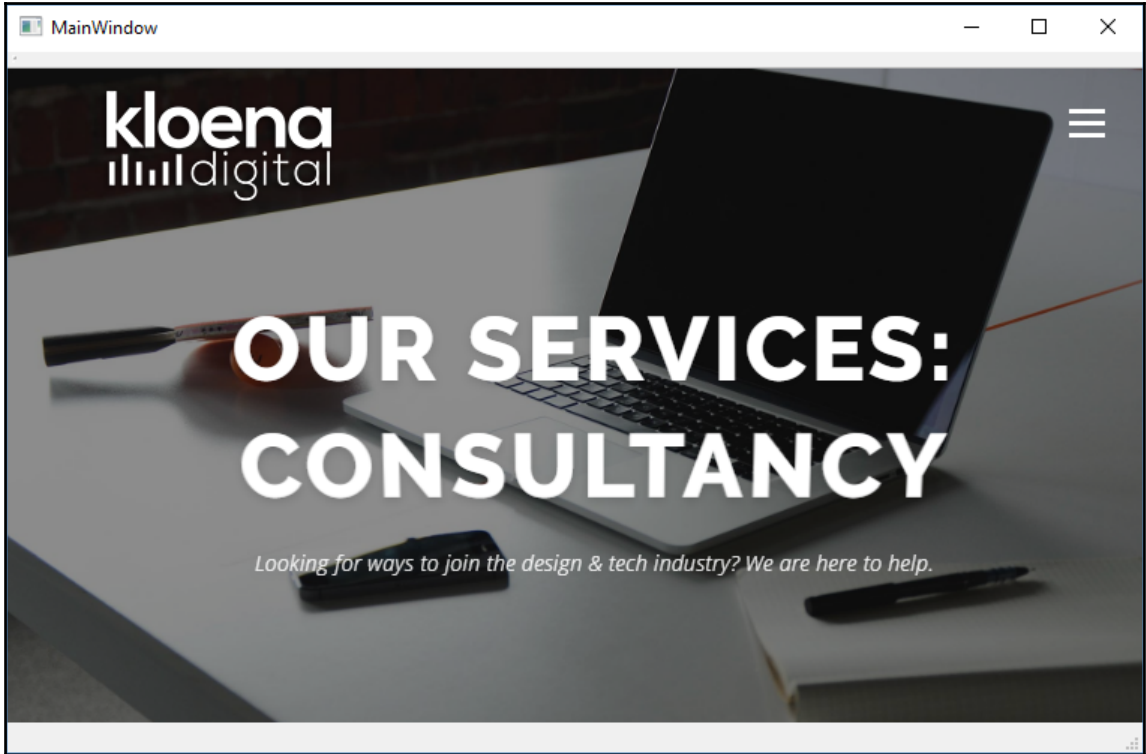


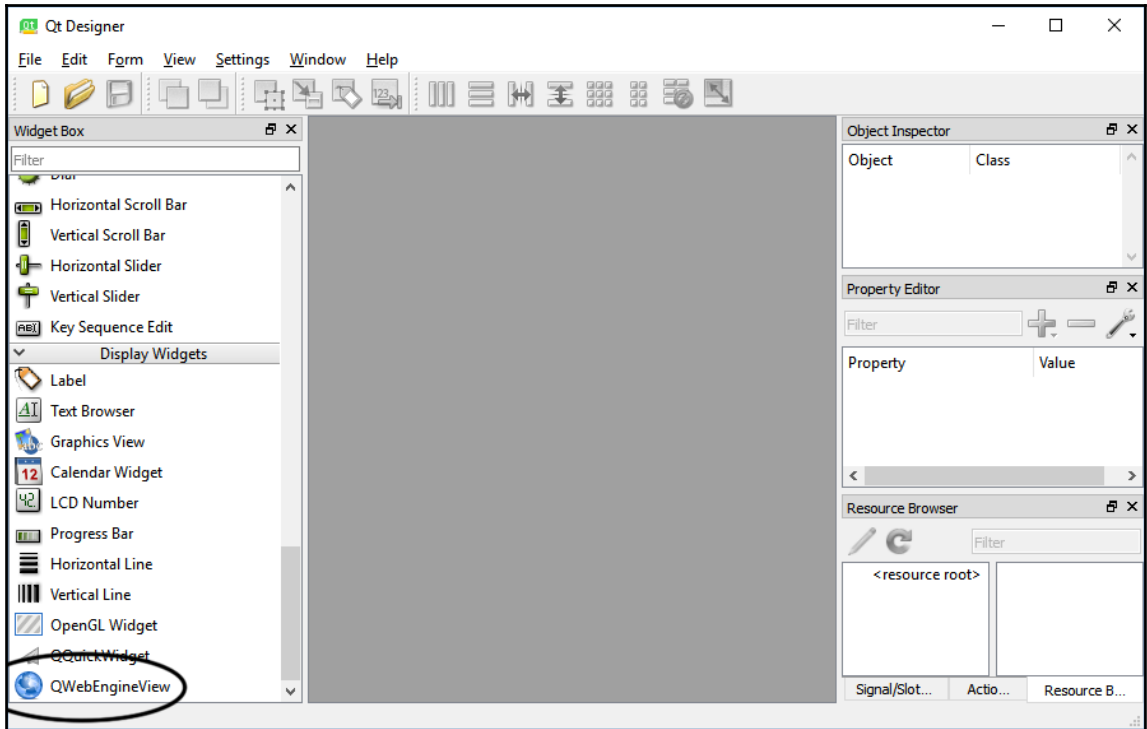


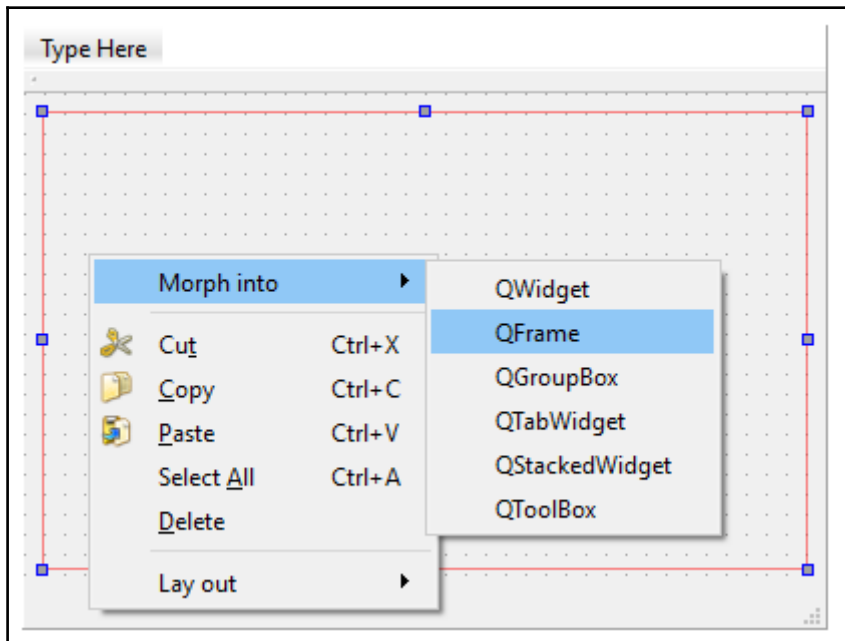
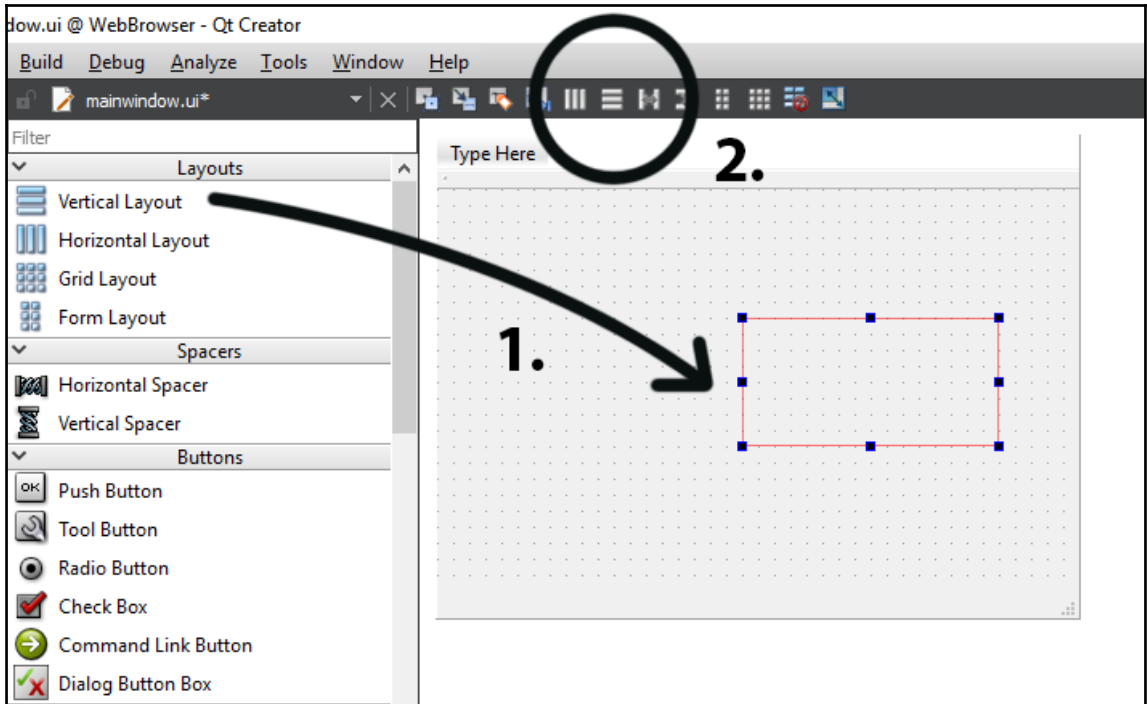


Chapter 6: Integrating Web Content



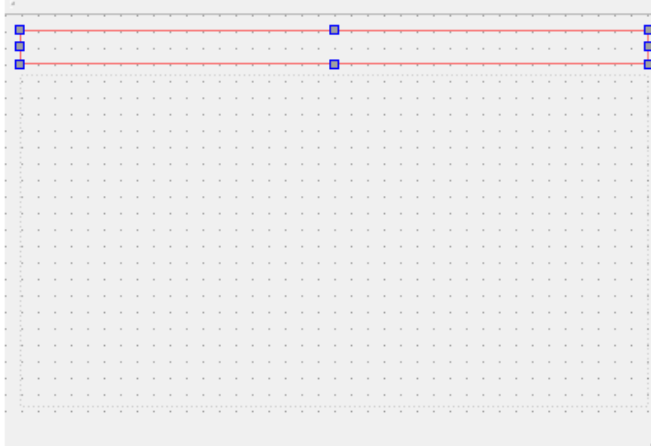




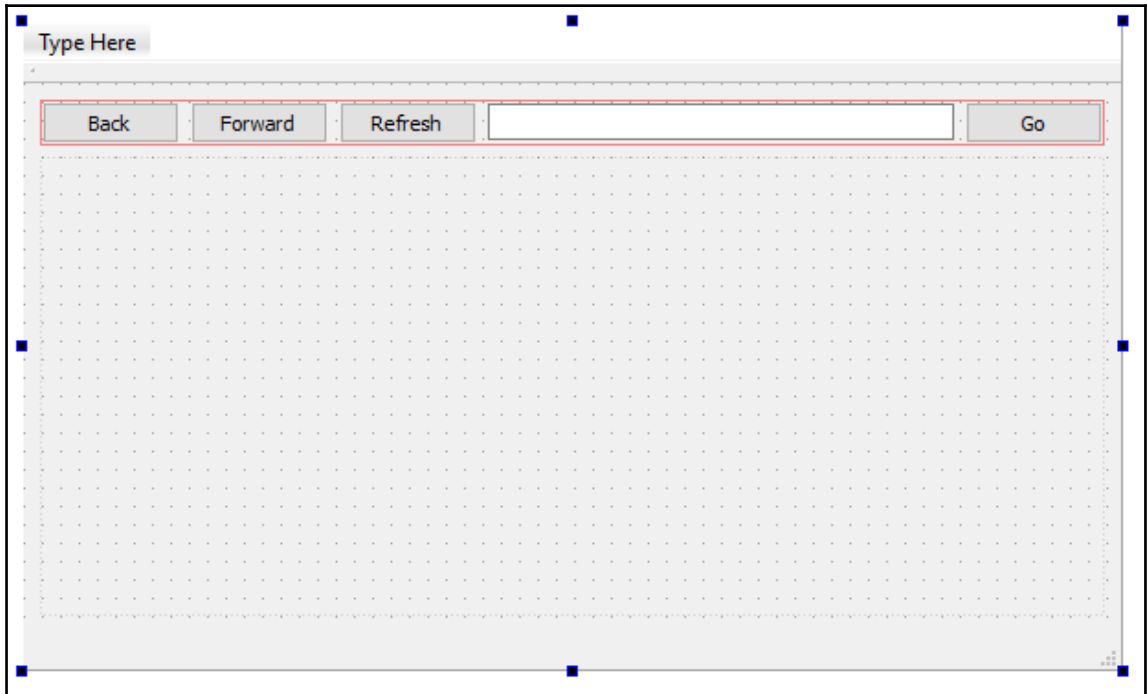
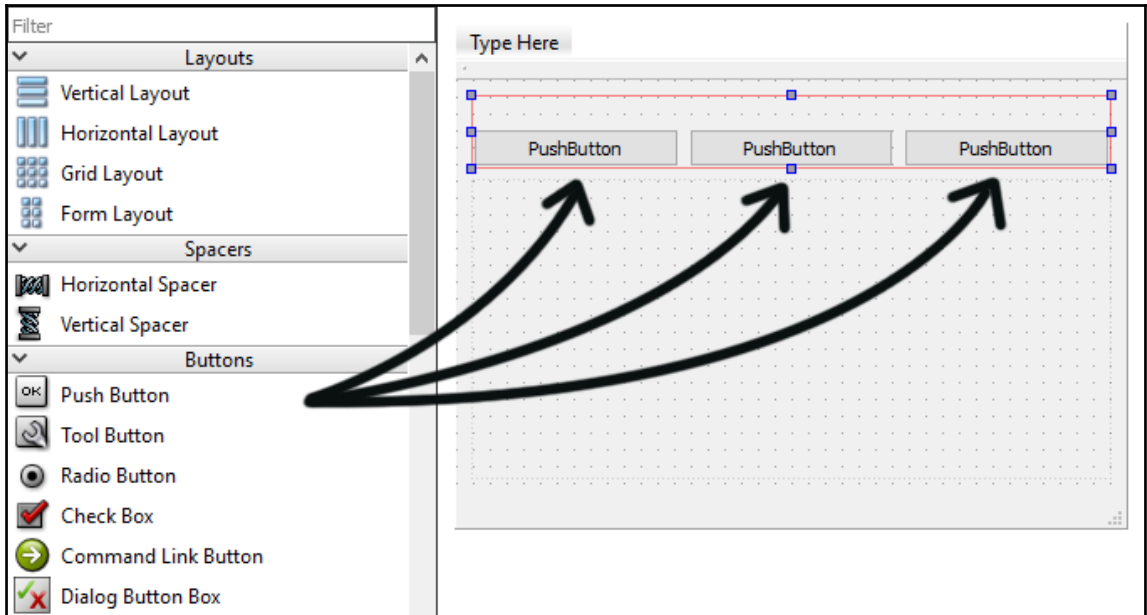


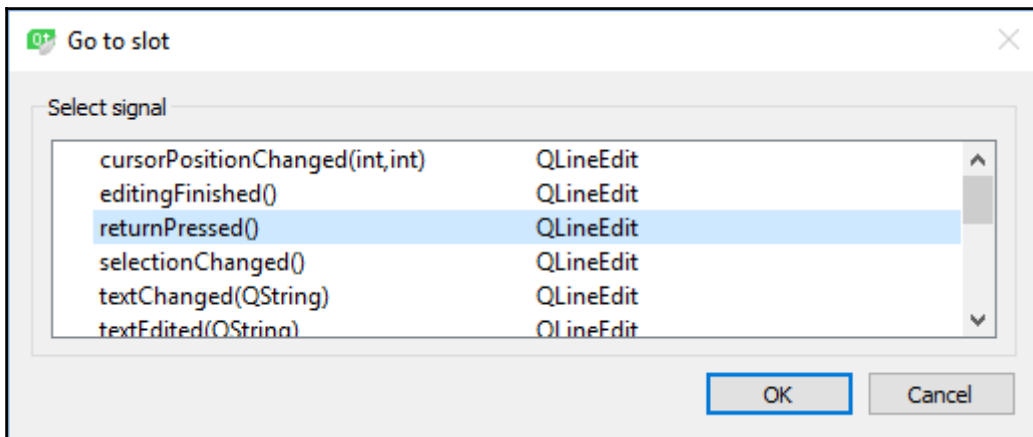
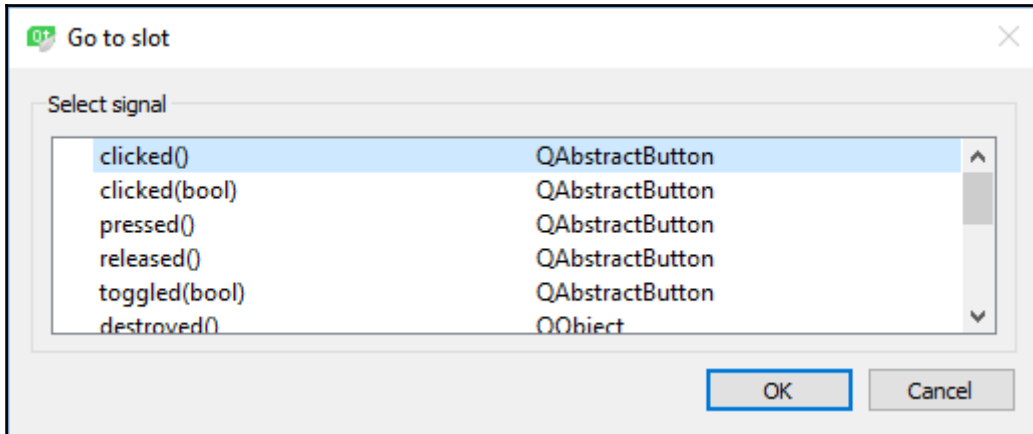
| | |
|----------------------|------------------------------|
| ▼ sizePolicy | [Preferred, Expanding, 0, 0] |
| Horizontal Policy | Preferred |
| Vertical Policy | Expanding ▼ |
| Horizontal Stretch | Fixed |
| Vertical Stretch | Minimum |
| ▼ minimumSize | Preferred |
| Width | MinimumExpanding |
| Height | Expanding |
| ▼ maximumSize | Ignored |

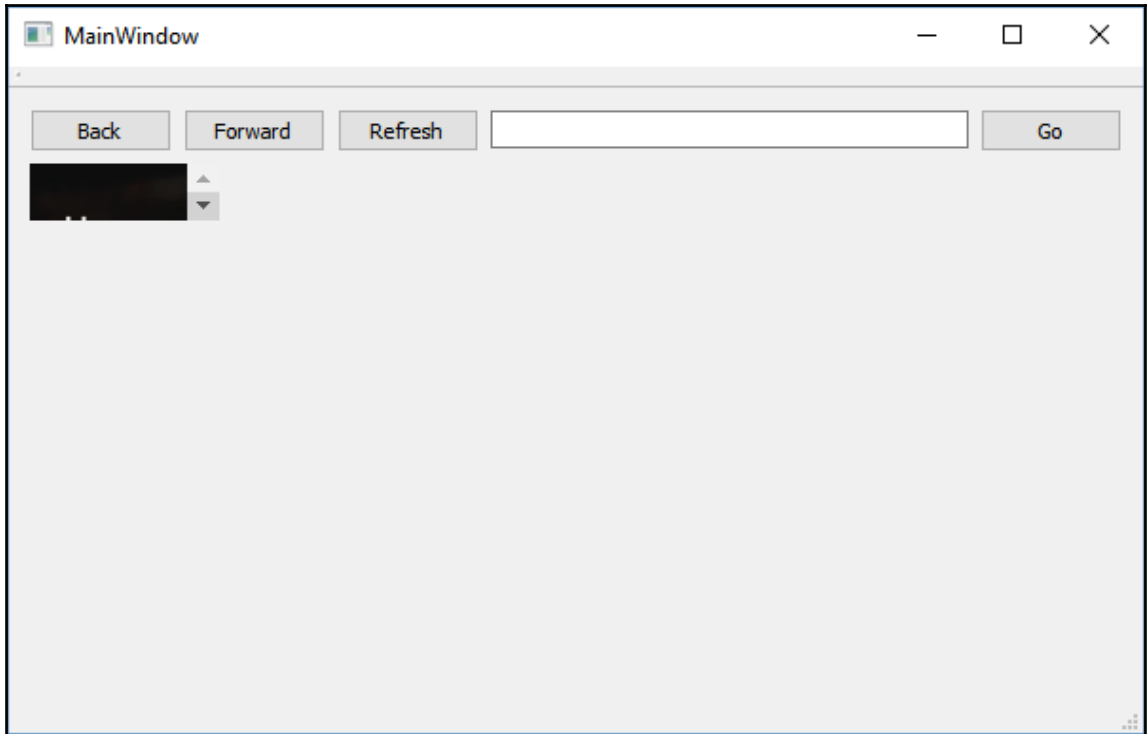
Type Here

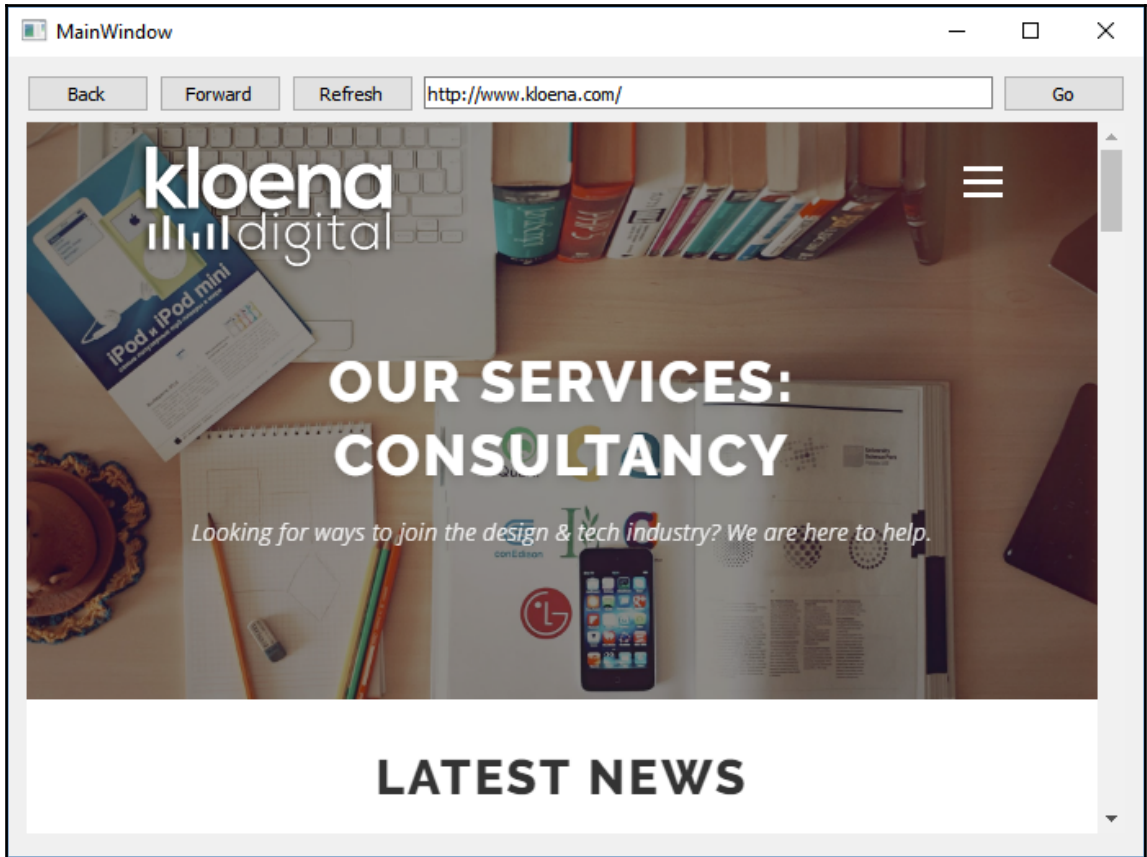


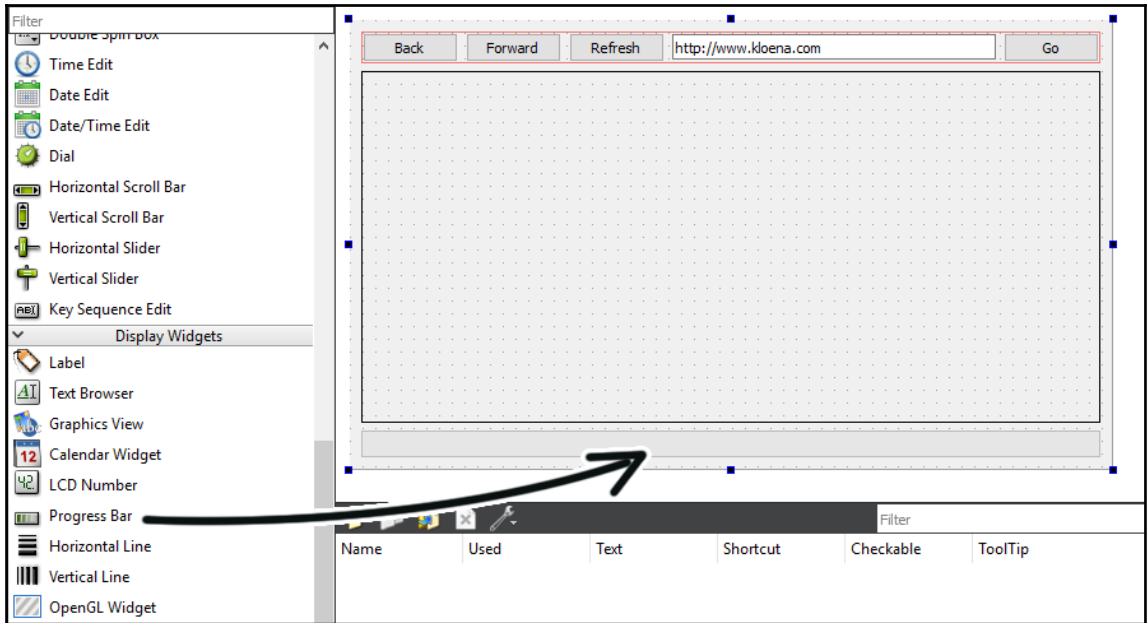
| Property | Value |
|------------------------|----------------------|
| ▼ Layout | |
| layoutName | horizontalLayout |
| layoutLeftMargin | 0 |
| layoutTopMargin | 20 |
| layoutRightMargin | 0 |
| layoutBottomMargin | 0 |
| layoutSpacing | 6 |
| layoutStretch | |
| layoutSizeConstraint | SetDefaultConstraint |

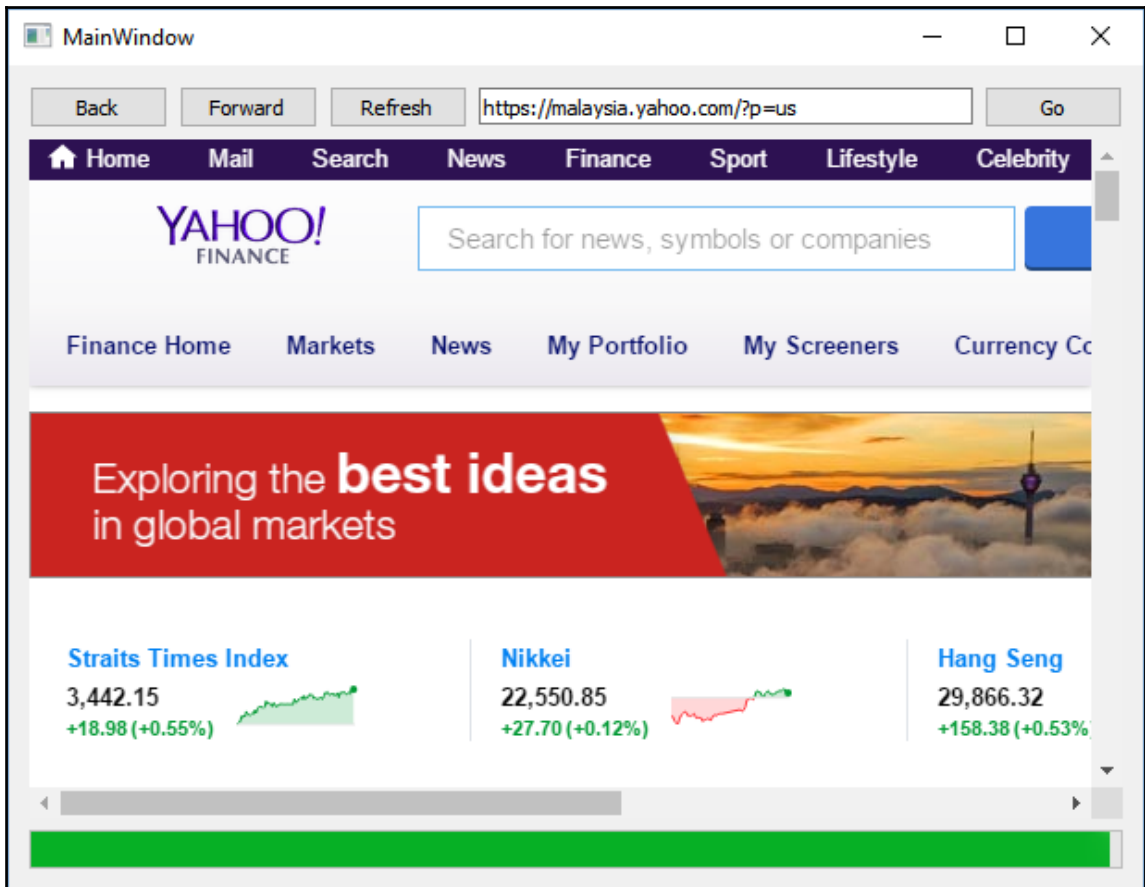


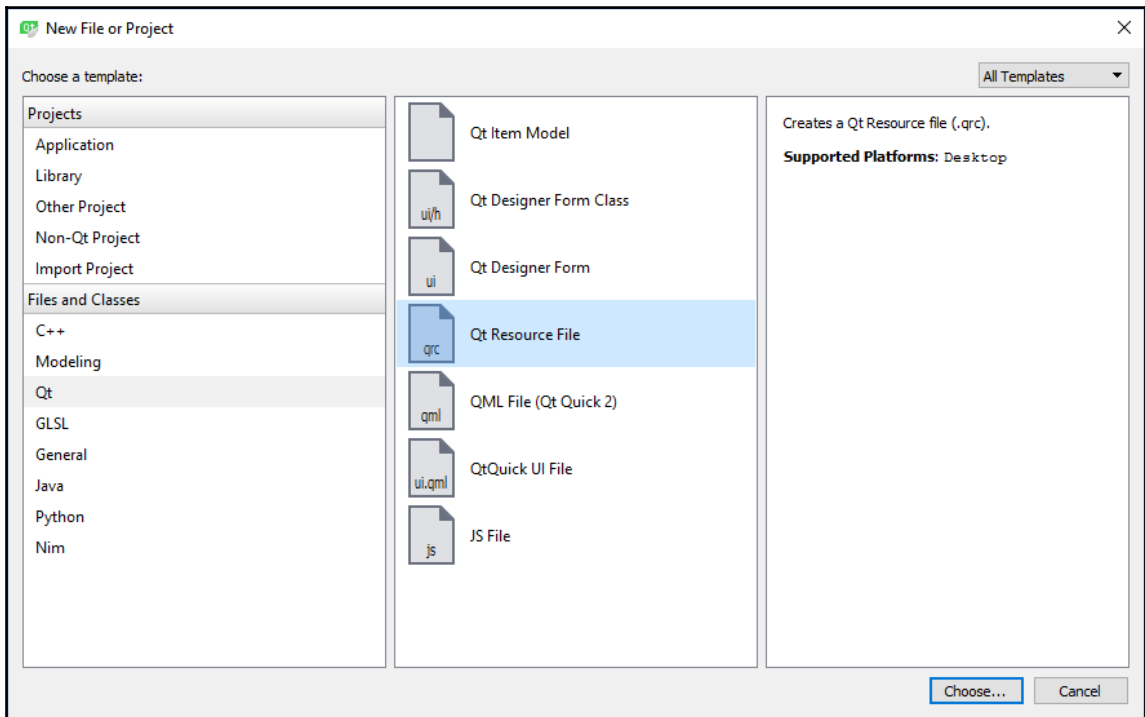
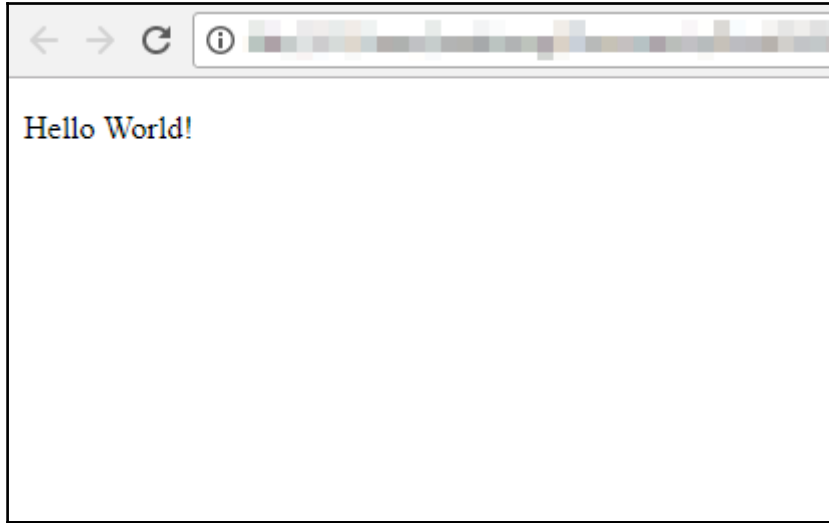


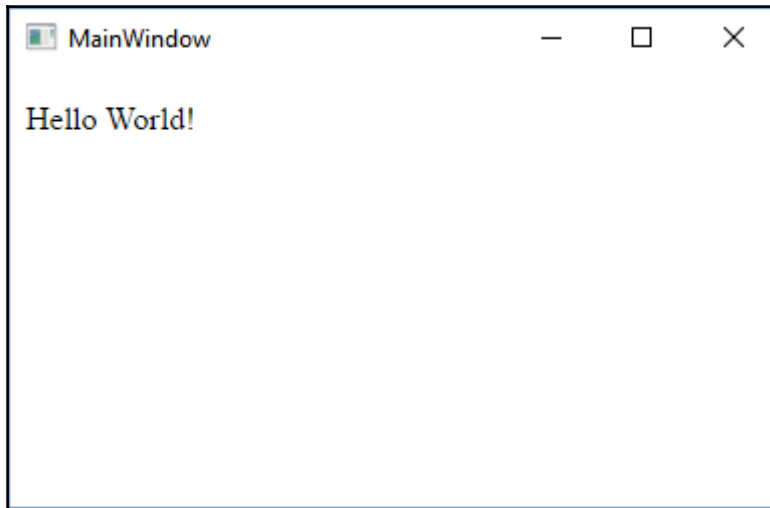
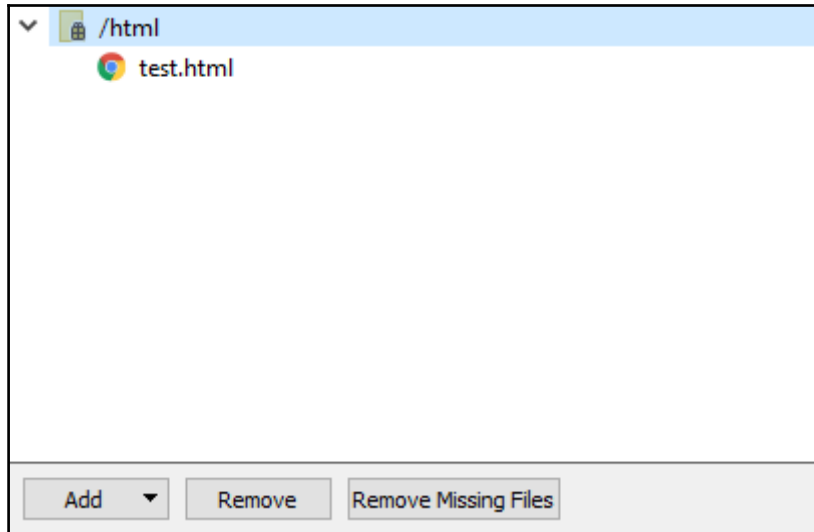


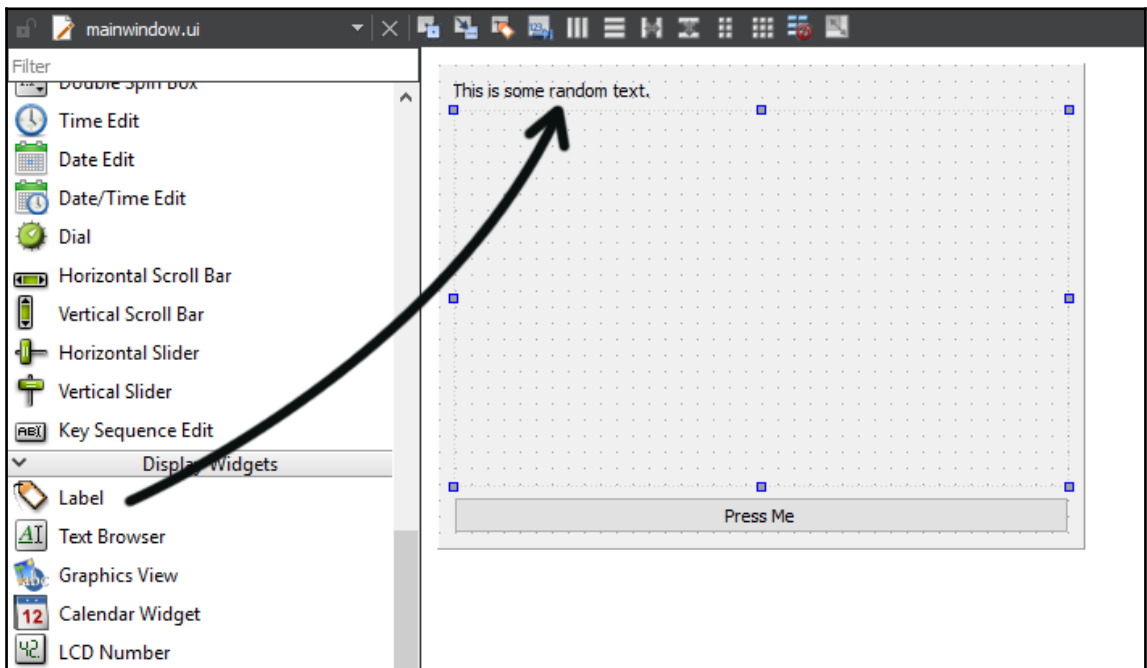
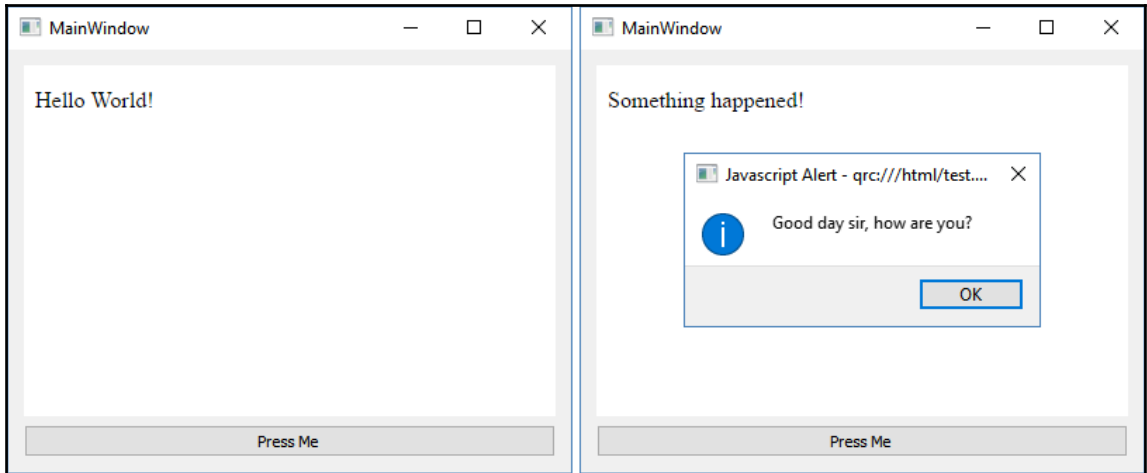


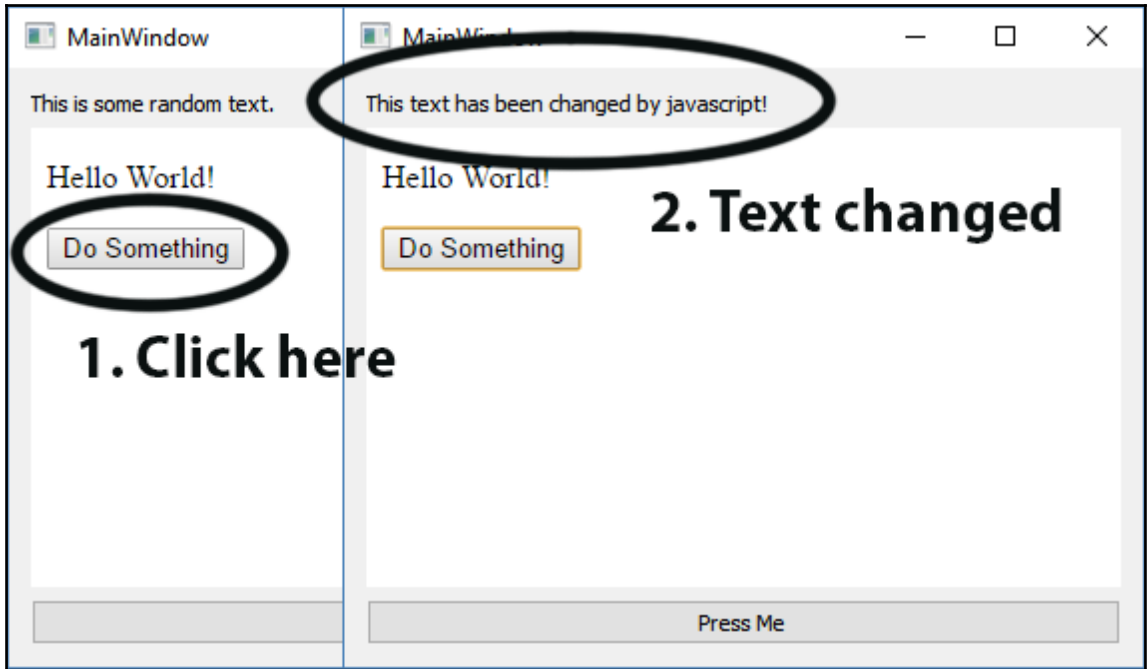








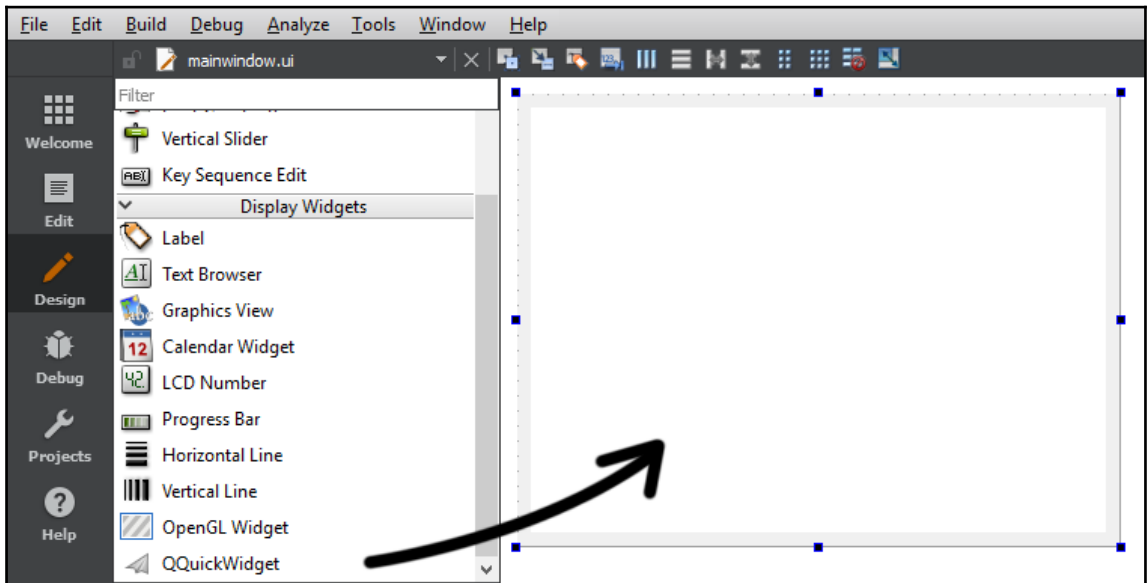




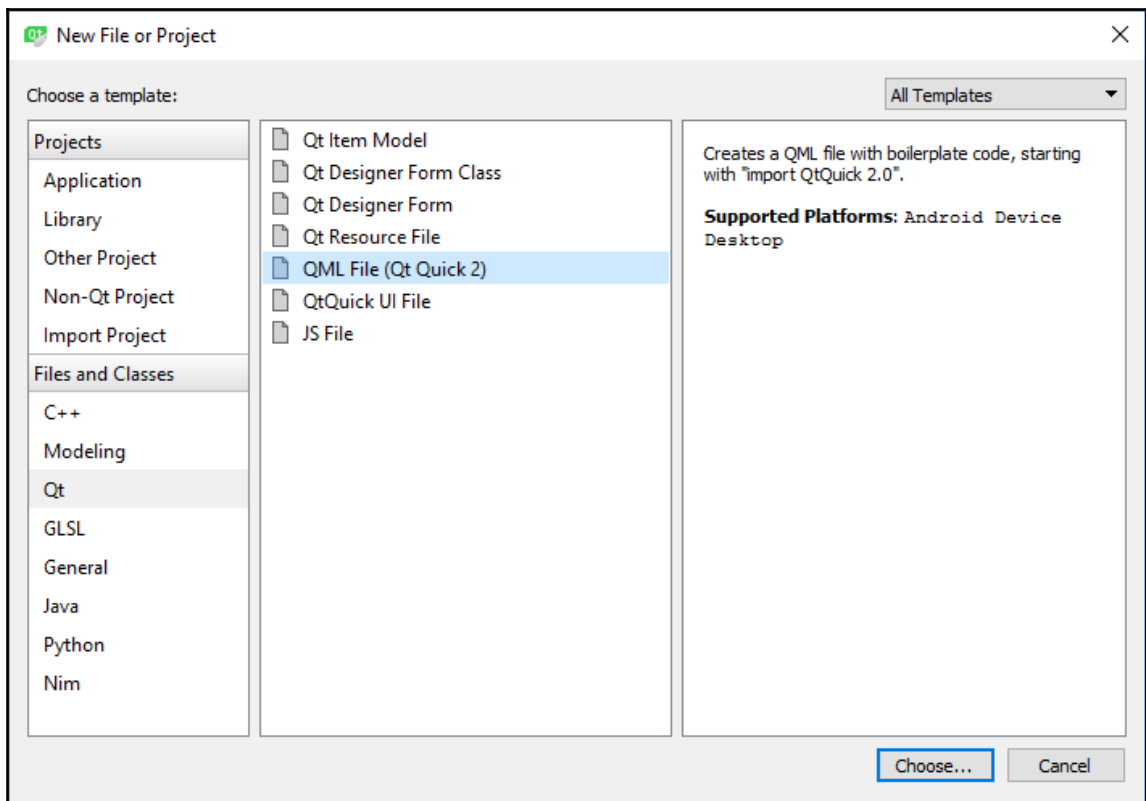
Chapter 7: Map Viewer

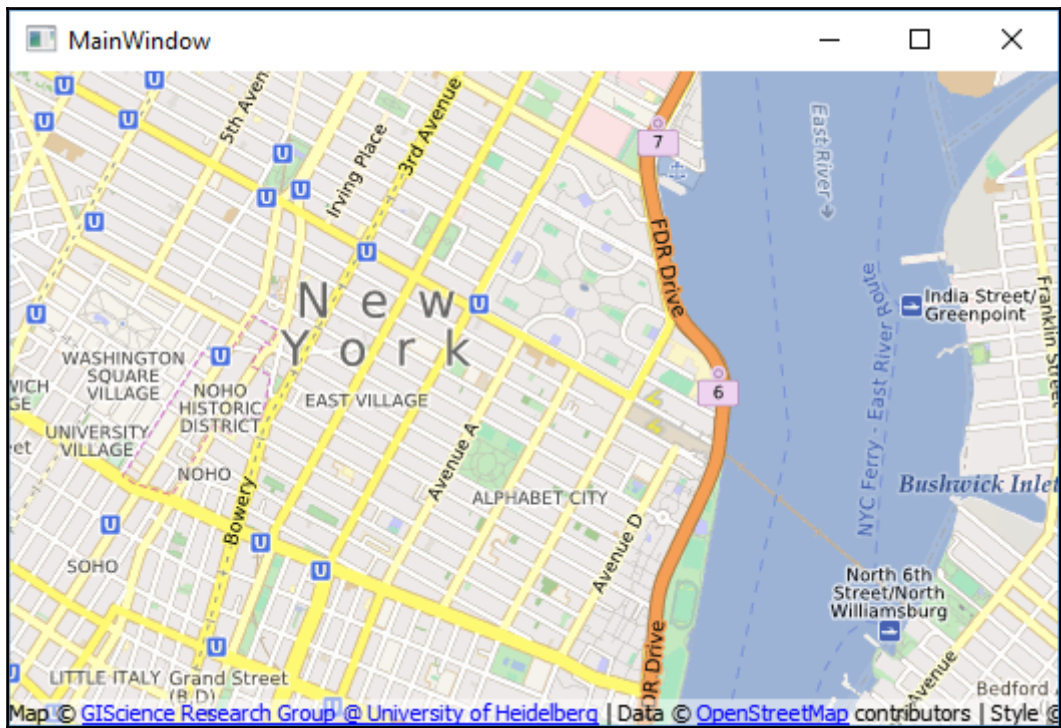
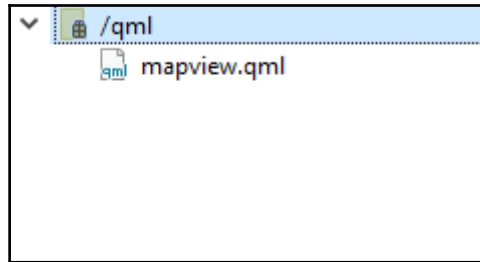
| Object | Class |
|--------------|-------------|
| ▼ MainWindow | QMainWindow |
| menuBar | QMenuBar |
| toolBar | QToolBar |
| statusBar | QStatusBar |

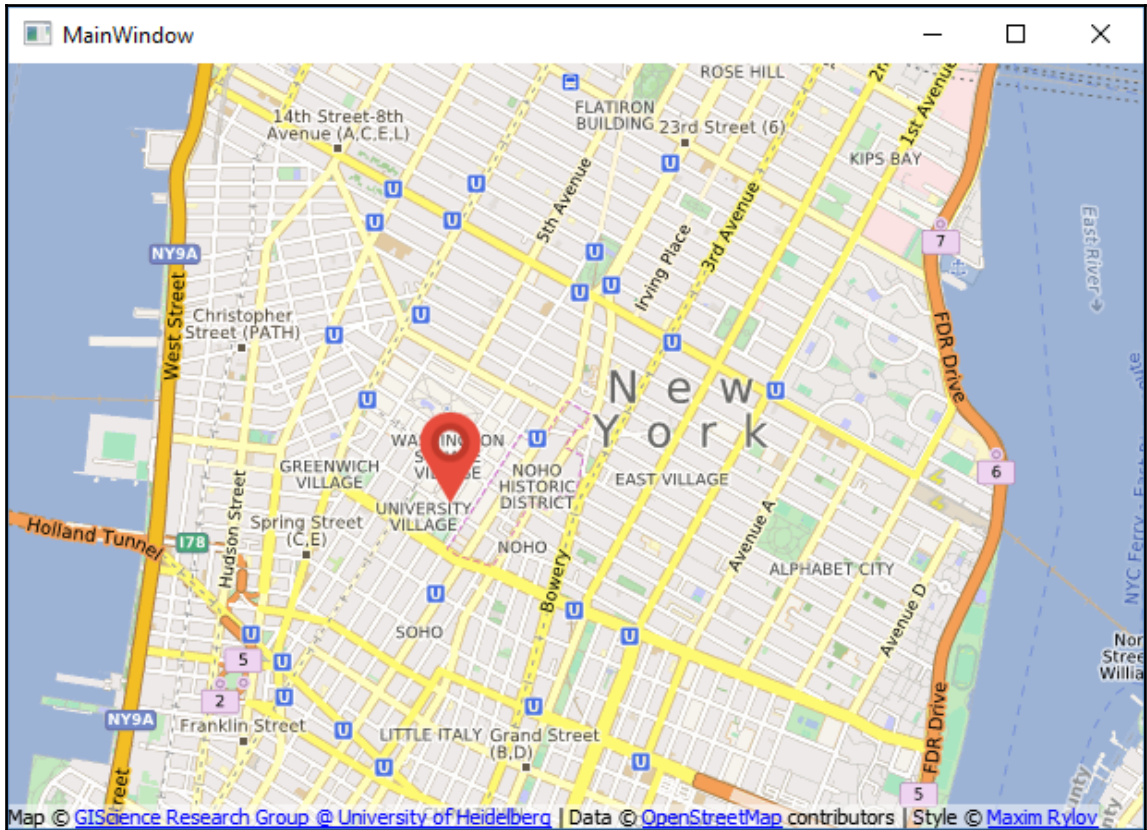
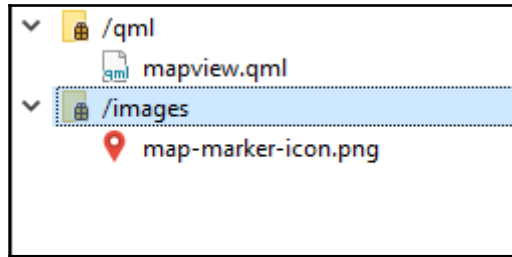
Remove
Promote to ...

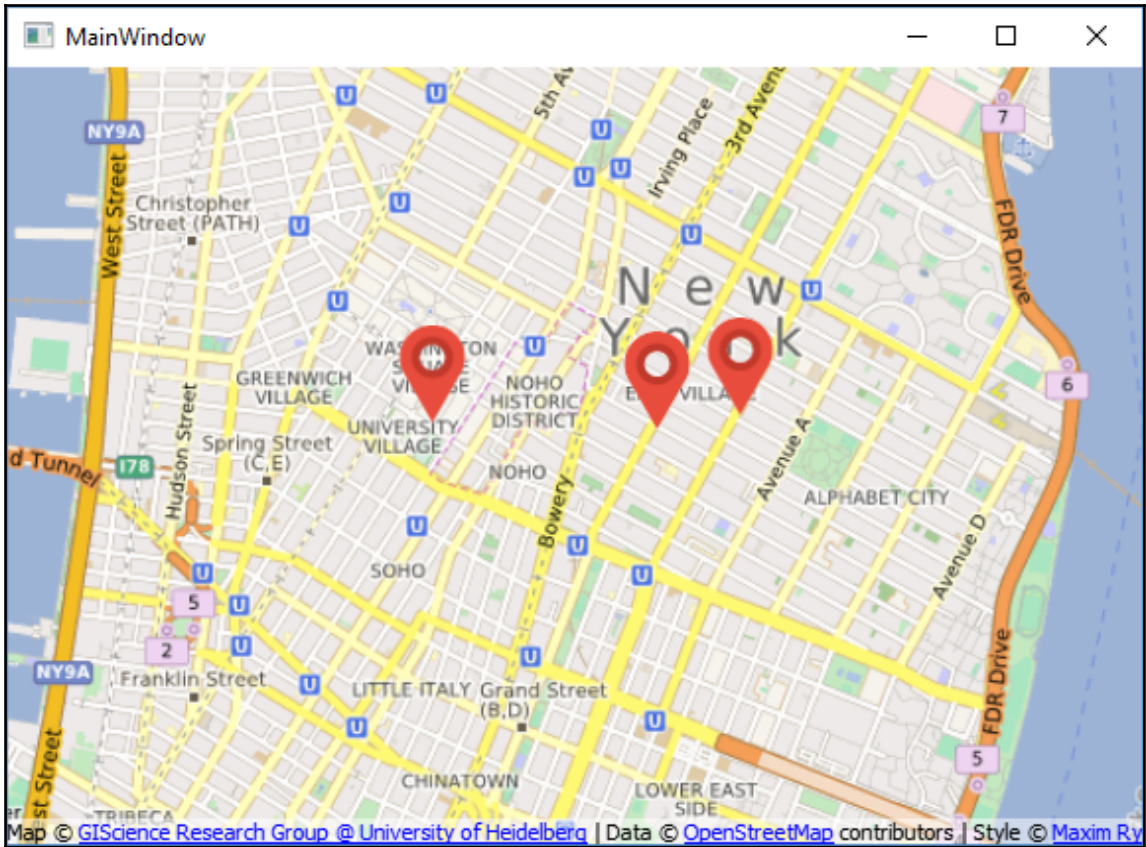
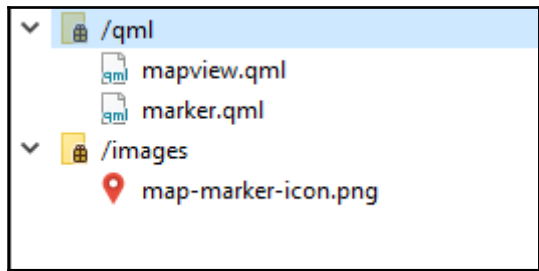


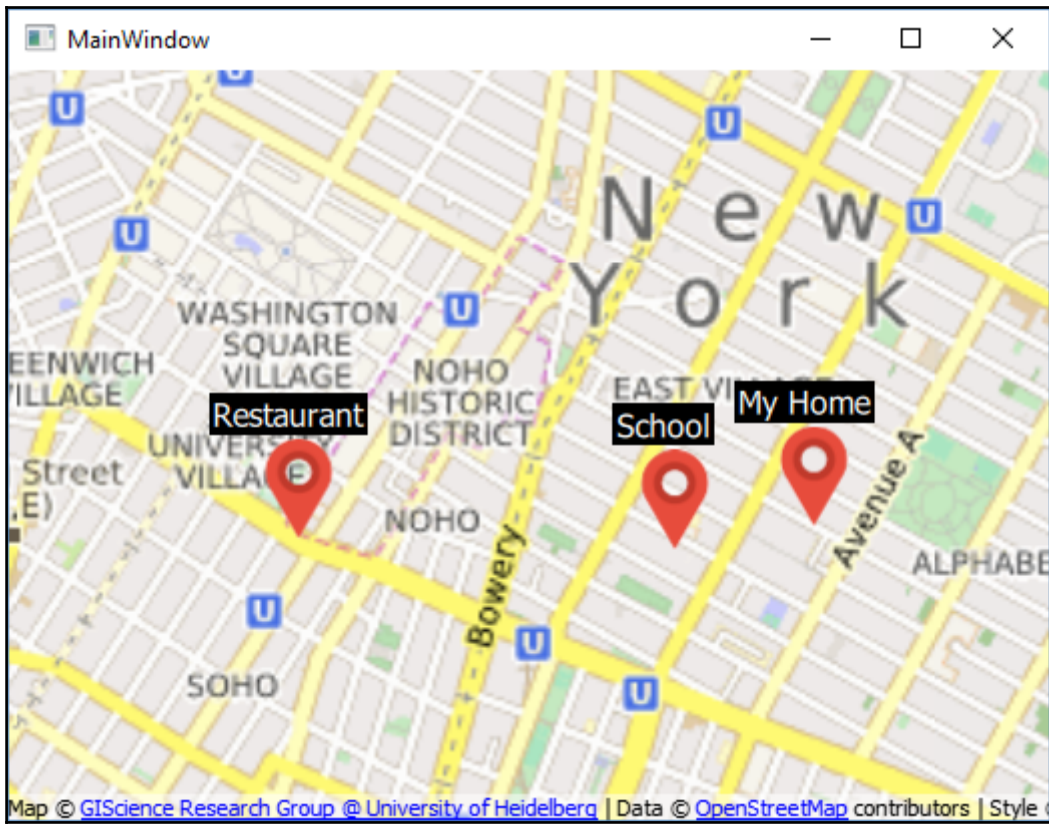
| Layout | |
|----------------------|----------------------|
| layoutName | verticalLayout |
| layoutLeftMargin | 0 |
| layoutTopMargin | 0 |
| layoutRightMargin | 0 |
| layoutBottomMargin | 0 |
| layoutSpacing | 6 |
| layoutStretch | 0 |
| layoutSizeConstraint | SetDefaultConstraint |

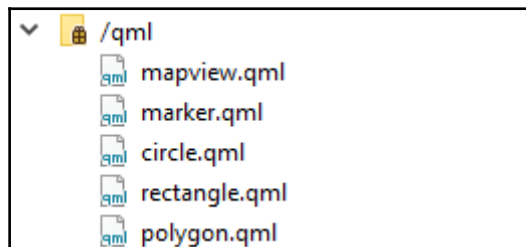
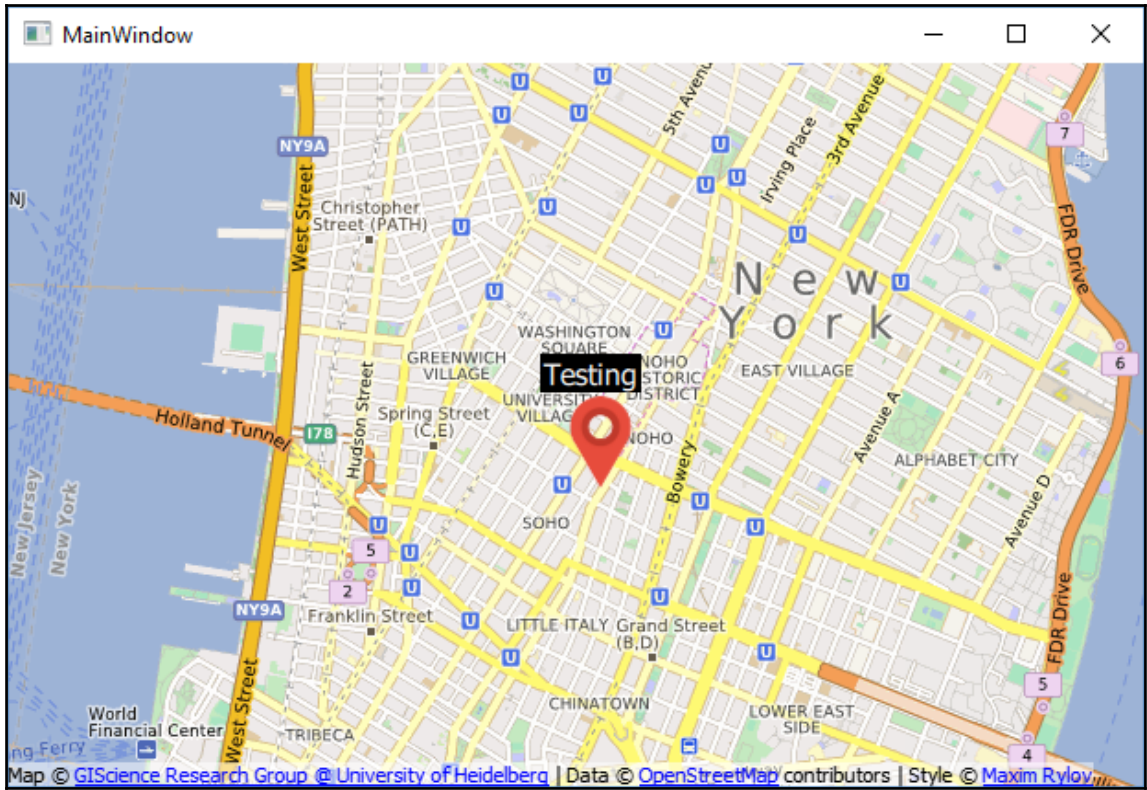


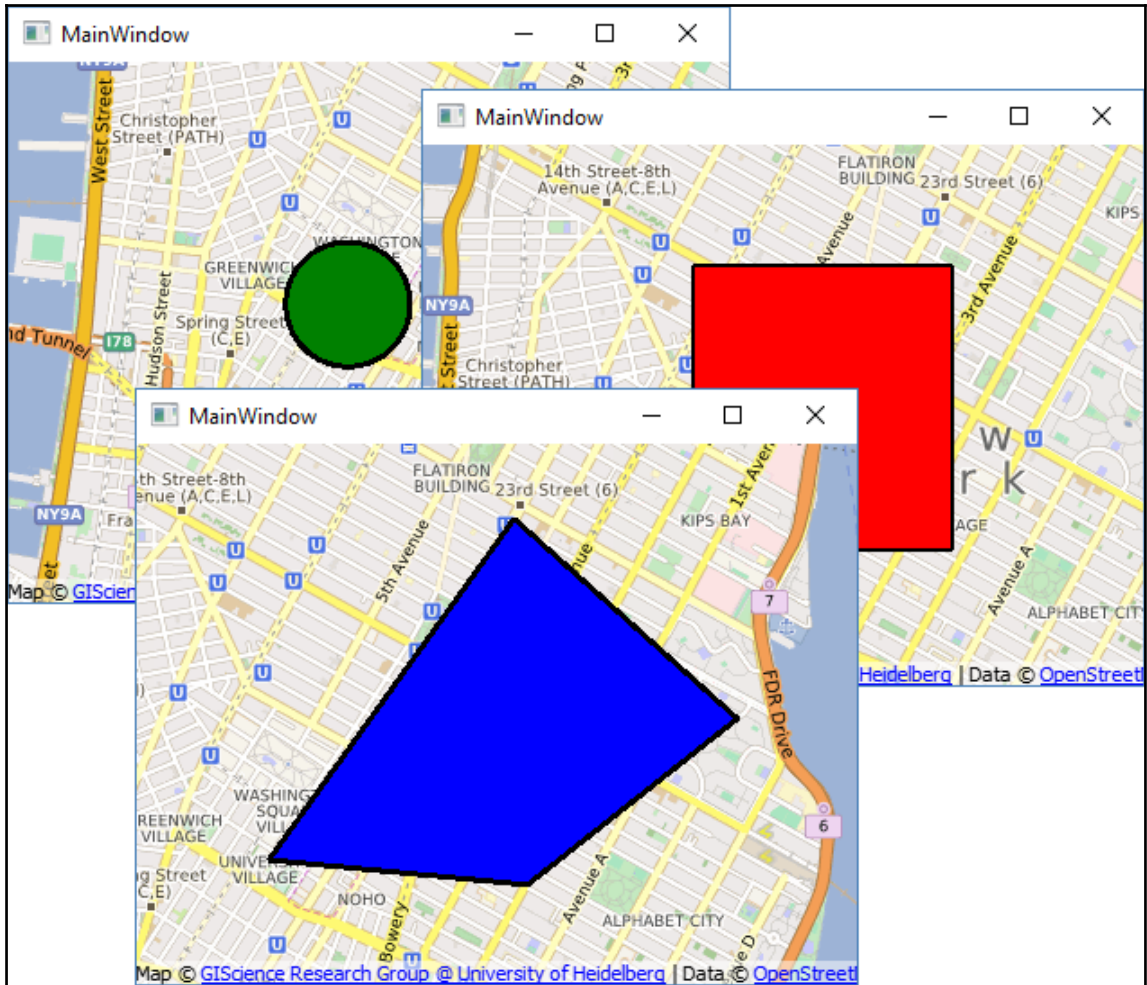








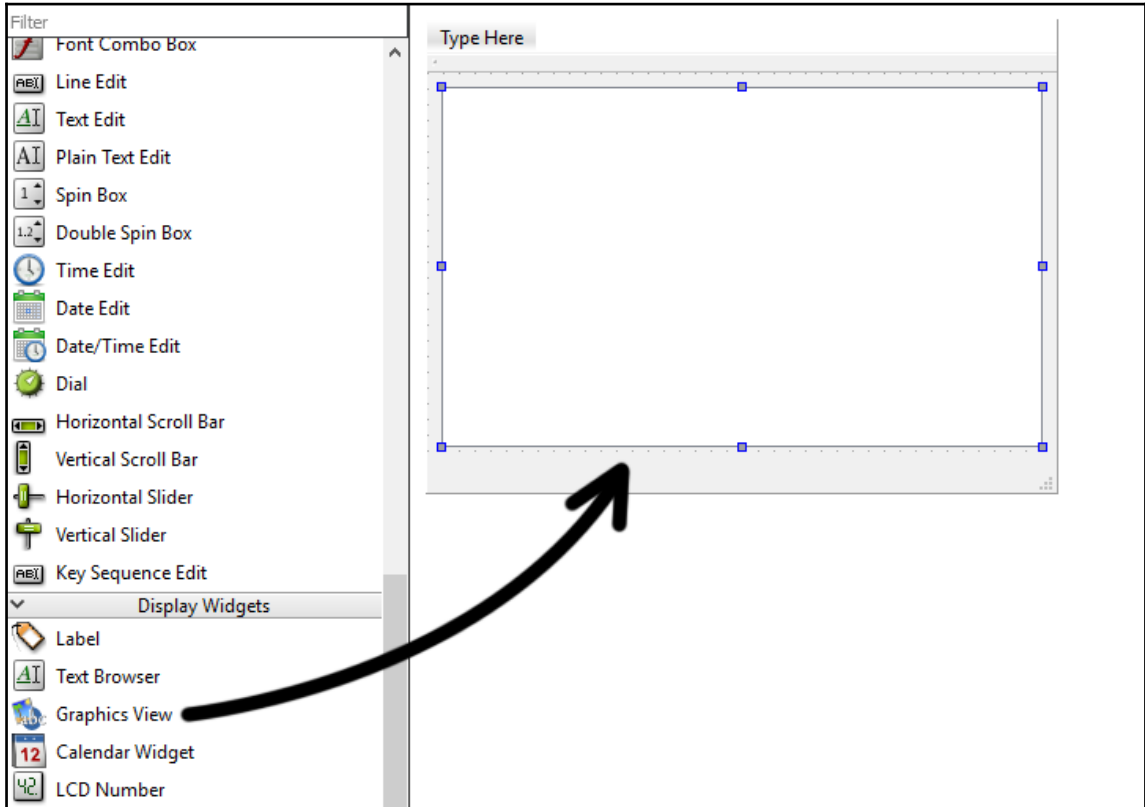


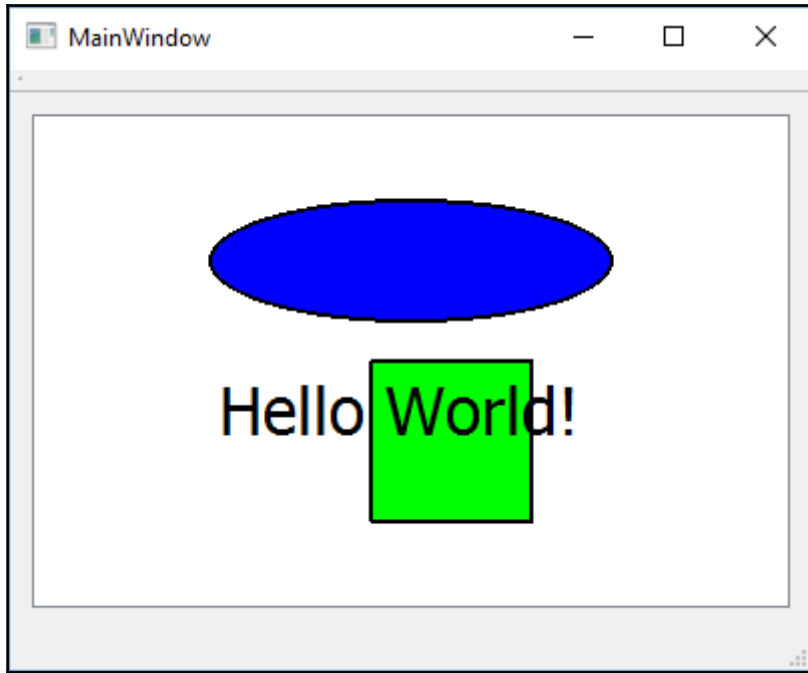


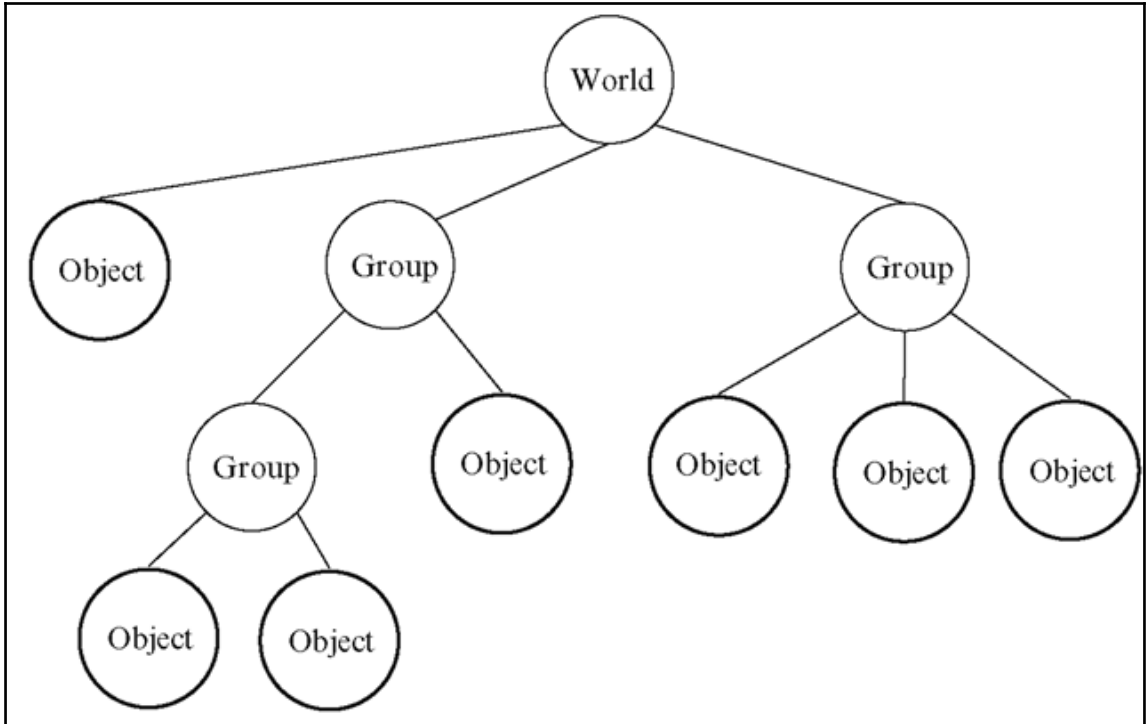
```
Application Output
MapView
qt.network.ssl: QSslSocket: cannot resolve SSL_get0_cipher_selected
serialnmea: No serial ports found
Failed to create Geoclue client interface. Geoclue error: org.freedesktop.DBus.Error.Disconnected
QGeoTileProviderOsm: Tileserver disabled at: QUrl("http://maps.redirect.gt-fo.com/5.8/satellite")
```

```
Application Output
MapView
Route Calculated
(QGeoCoordinate(40.67595, -73.95618), QGeoCoordinate(40.67593, -73.95607), QGeoCoordinate(40.67593, -73.95607),
QGeoCoordinate(40.67505, -73.95639), QGeoCoordinate(40.67505, -73.95639), QGeoCoordinate(40.67529, -73.95757),
QGeoCoordinate(40.67539, -73.95801), QGeoCoordinate(40.6755, -73.95852), QGeoCoordinate(40.67576, -73.95976),
QGeoCoordinate(40.6758, -73.95996), QGeoCoordinate(40.67641, -73.96287), QGeoCoordinate(40.67655, -73.96353),
QGeoCoordinate(40.67706, -73.96597), QGeoCoordinate(40.67767, -73.96886), QGeoCoordinate(40.67833, -73.97203),
QGeoCoordinate(40.67861, -73.97333), QGeoCoordinate(40.67868, -73.97354), QGeoCoordinate(40.67875, -73.97376),
QGeoCoordinate(40.67933, -73.97532), QGeoCoordinate(40.68029, -73.97774), QGeoCoordinate(40.68027, -73.97784),
QGeoCoordinate(40.68027, -73.97784), QGeoCoordinate(40.68025, -73.97798), QGeoCoordinate(40.6812, -73.9804),
QGeoCoordinate(40.68125, -73.98052), QGeoCoordinate(40.68125, -73.98052), QGeoCoordinate(40.68077, -73.98085),
QGeoCoordinate(40.68062, -73.98095), QGeoCoordinate(40.67998, -73.98138), QGeoCoordinate(40.67998, -73.98138),
QGeoCoordinate(40.68088, -73.98371), QGeoCoordinate(40.68164, -73.98567), QGeoCoordinate(40.68196, -73.98648),
QGeoCoordinate(40.68211, -73.98687), QGeoCoordinate(40.68244, -73.98773), QGeoCoordinate(40.68249, -73.98786),
QGeoCoordinate(40.68249, -73.98786), QGeoCoordinate(40.68276, -73.98768), QGeoCoordinate(40.68313, -73.98743),
QGeoCoordinate(40.68313, -73.98743), QGeoCoordinate(40.68321, -73.98748), QGeoCoordinate(40.68329, -73.98771),
QGeoCoordinate(40.68329, -73.98771))
```

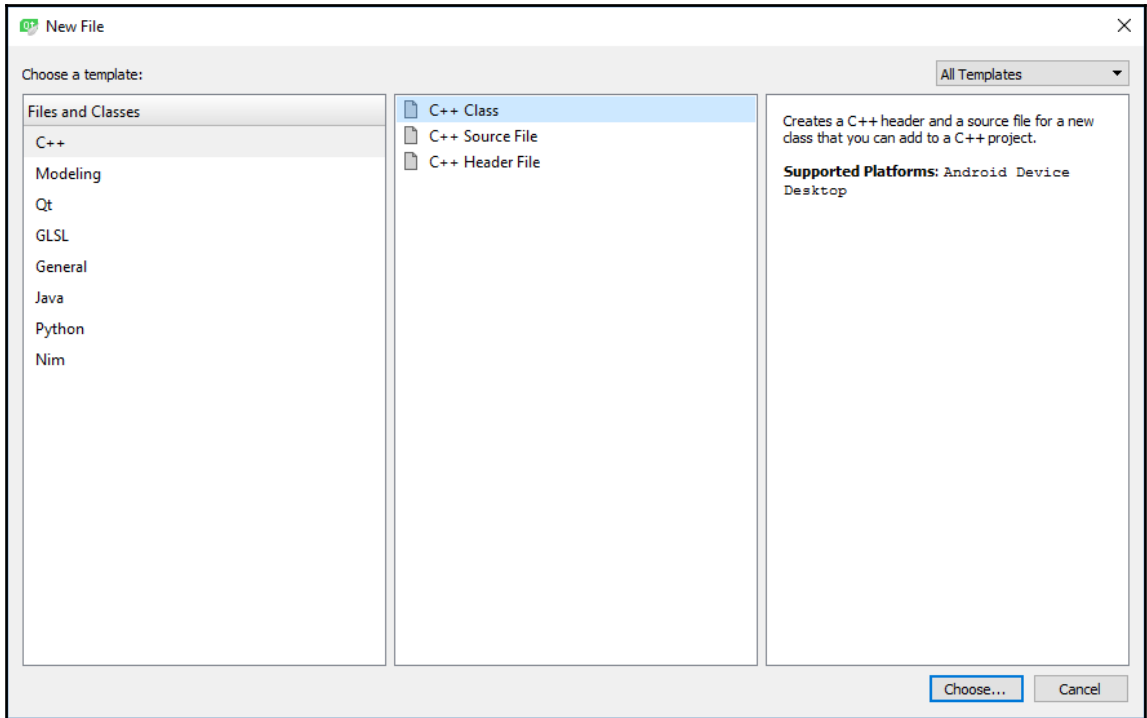
Chapter 8: Graphics View







| Property | Value |
|---------------------------|-------------------------------------|
| midLineWidth | 0 |
| QAbstractScrollArea | |
| verticalScrollBarPolicy | ScrollBarAsN |
| horizontalScrollBarPolicy | ScrollBarAsN |
| sizeAdjustPolicy | AdjustIgnore |
| QGraphicsView | |
| > backgroundBrush | [No brus |
| > foregroundBrush | [No brus |
| interactive | <input checked="" type="checkbox"/> |
| > sceneRect | [(0.00, 0.00), |
| > alignment | AlignHCente |
| > renderHints | TextAntialias |
| dragMode | NoDrag |
| > cacheMode | CacheNone |
| transformationAnchor | AnchorView |
| resizeAnchor | NoAnchor |



C++ Class

Details
Summary

Define Class

Class name:

Base class:

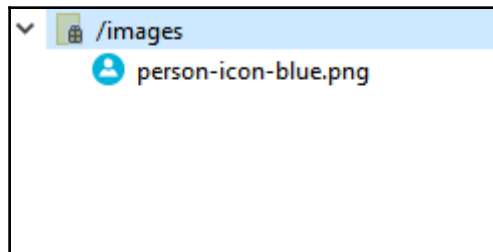
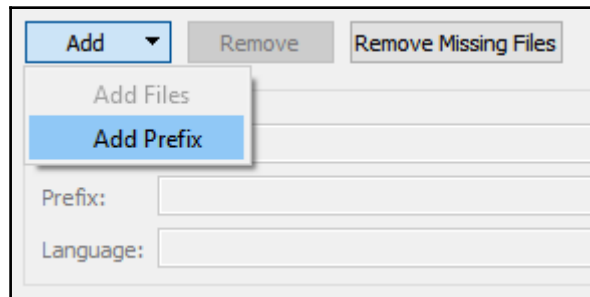
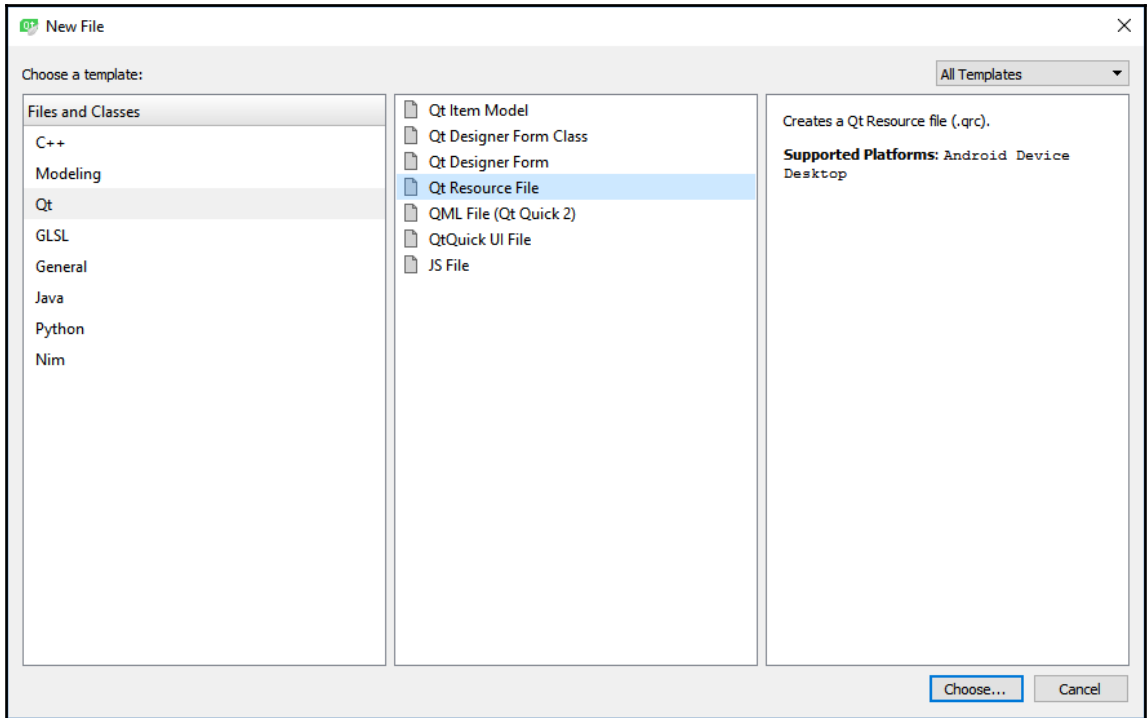
Include QObject
 Include QWidget
 Include QMainWindow
 Include QDeclarativeItem - Qt Quick 1
 Include QQuickItem - Qt Quick 2
 Include QSharedData

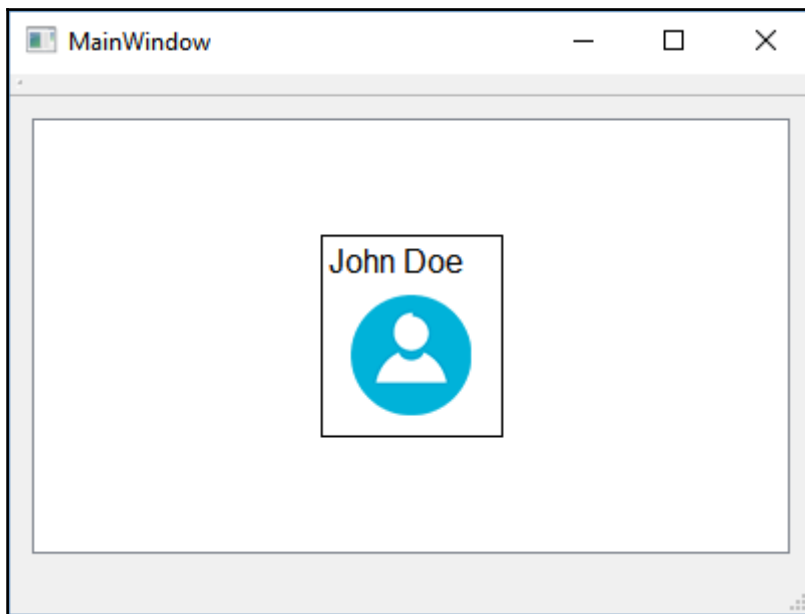
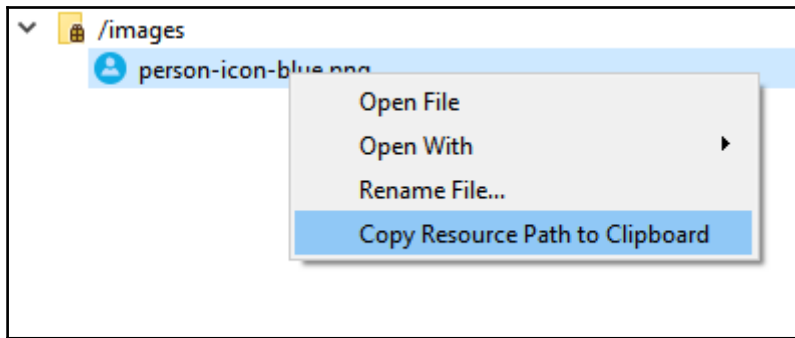
Header file:

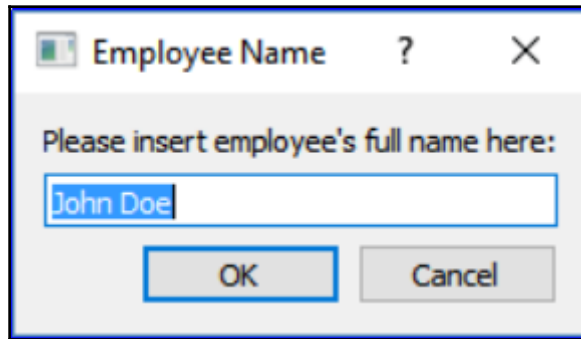
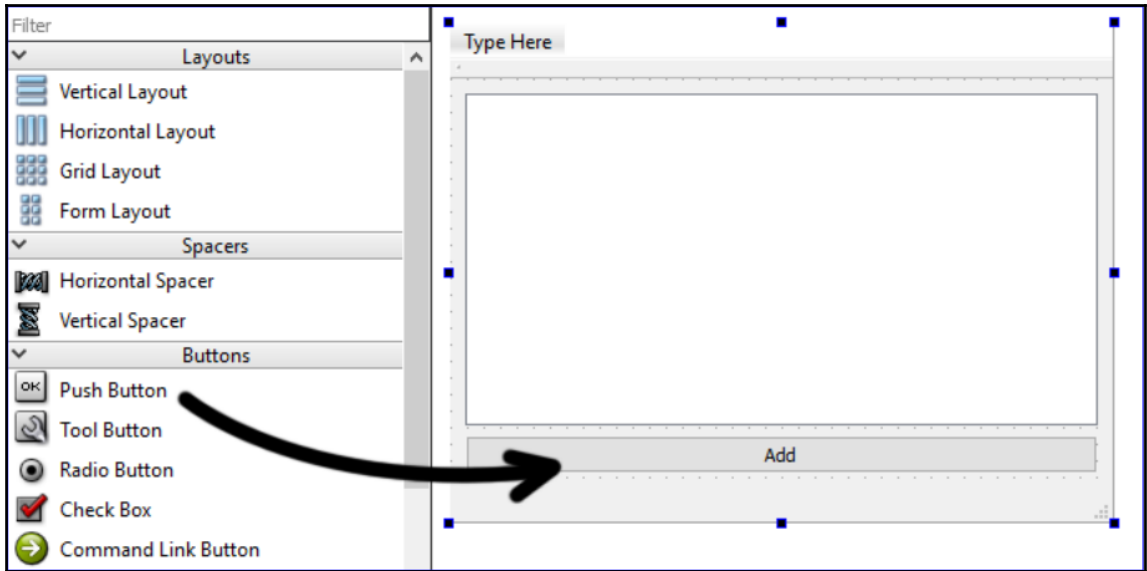
Source file:

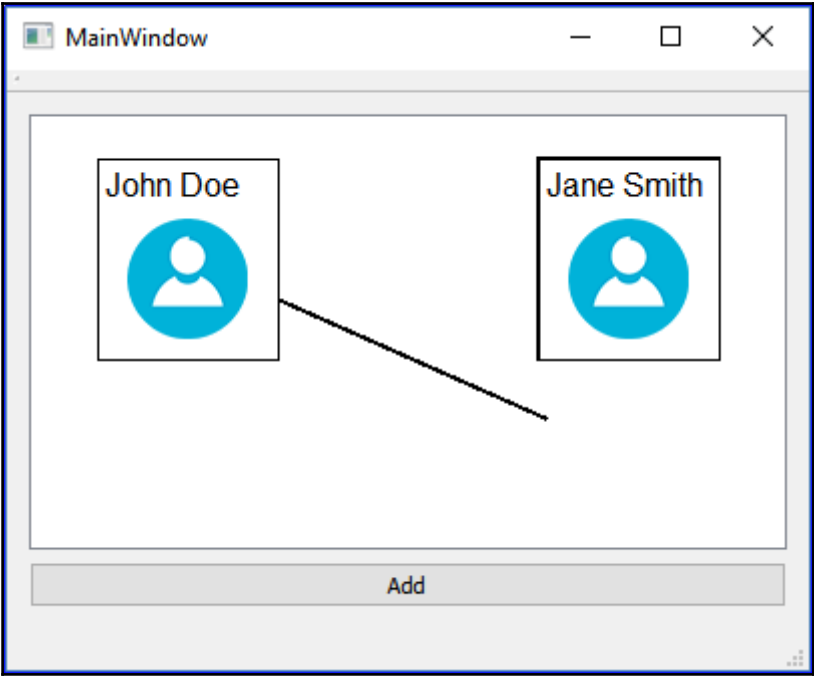
Path:

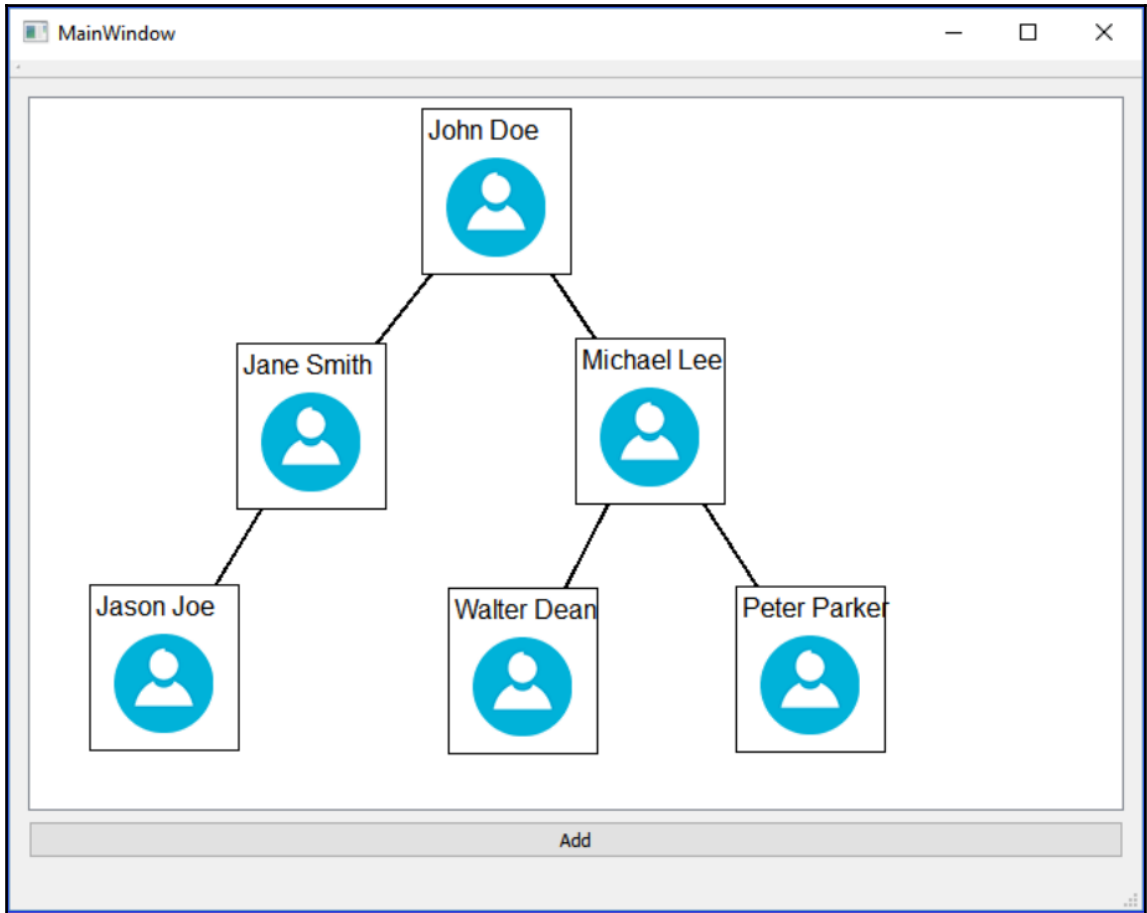


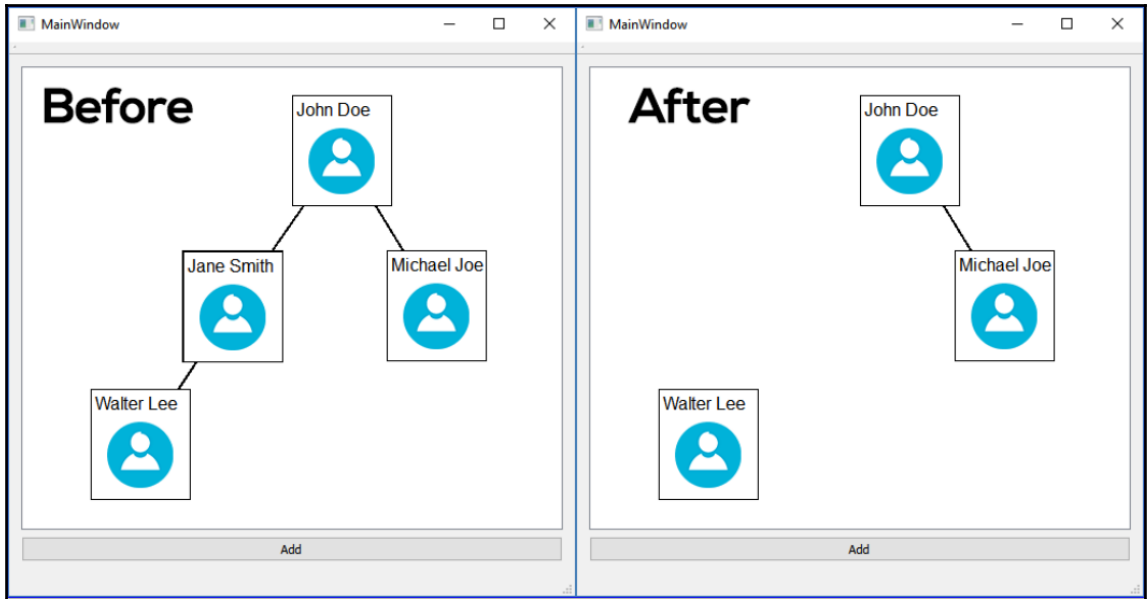




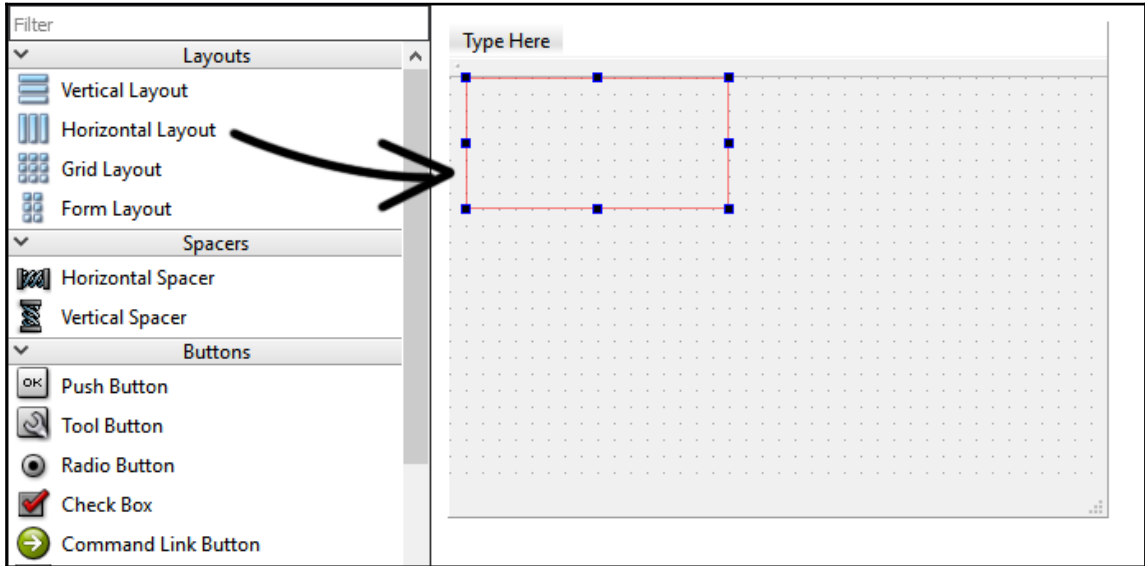




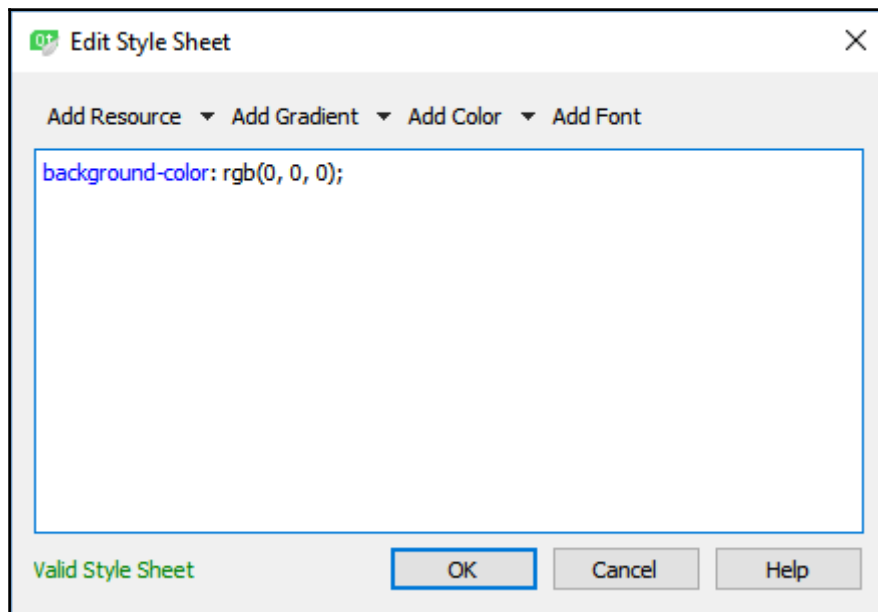
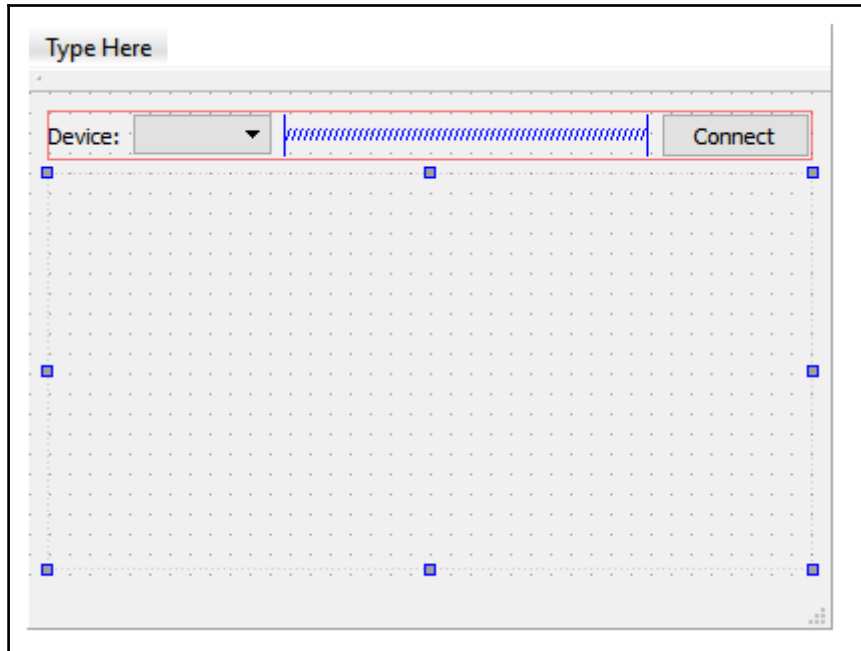


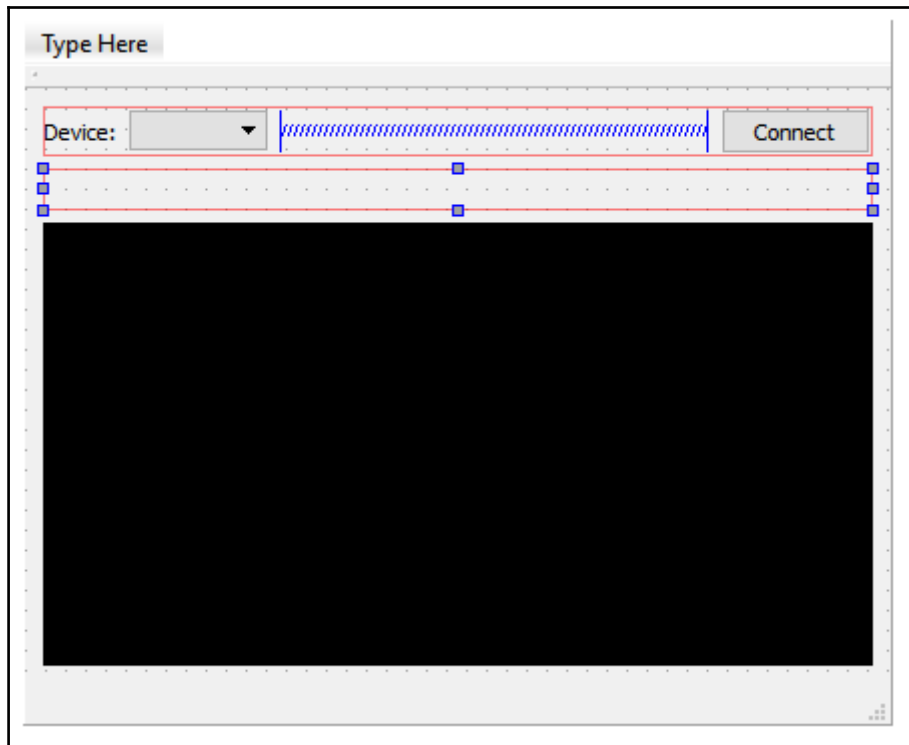


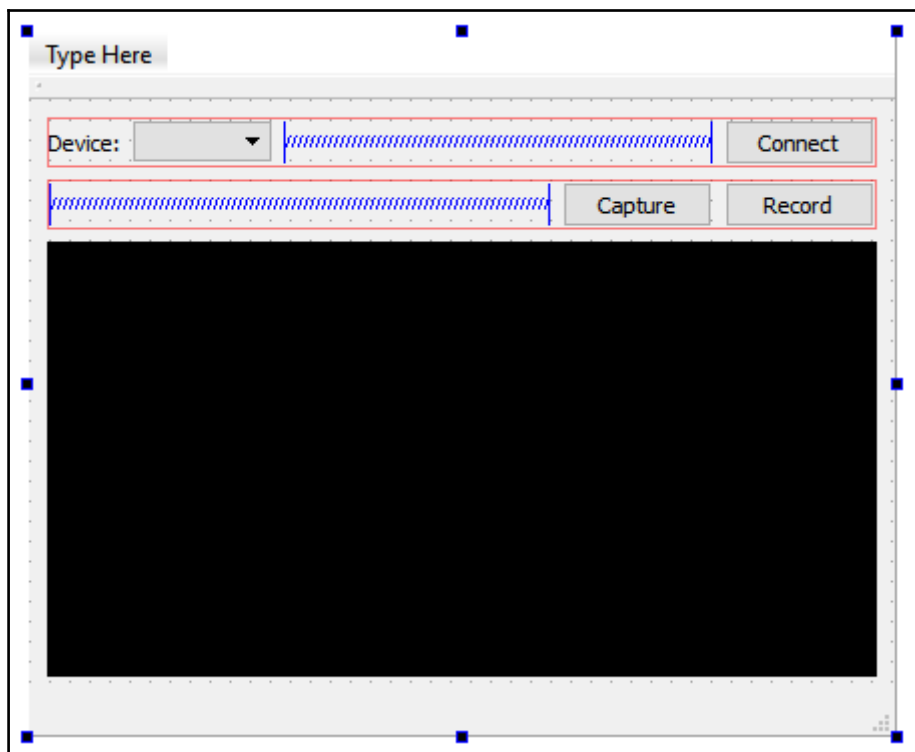
Chapter 9: The Camera Module

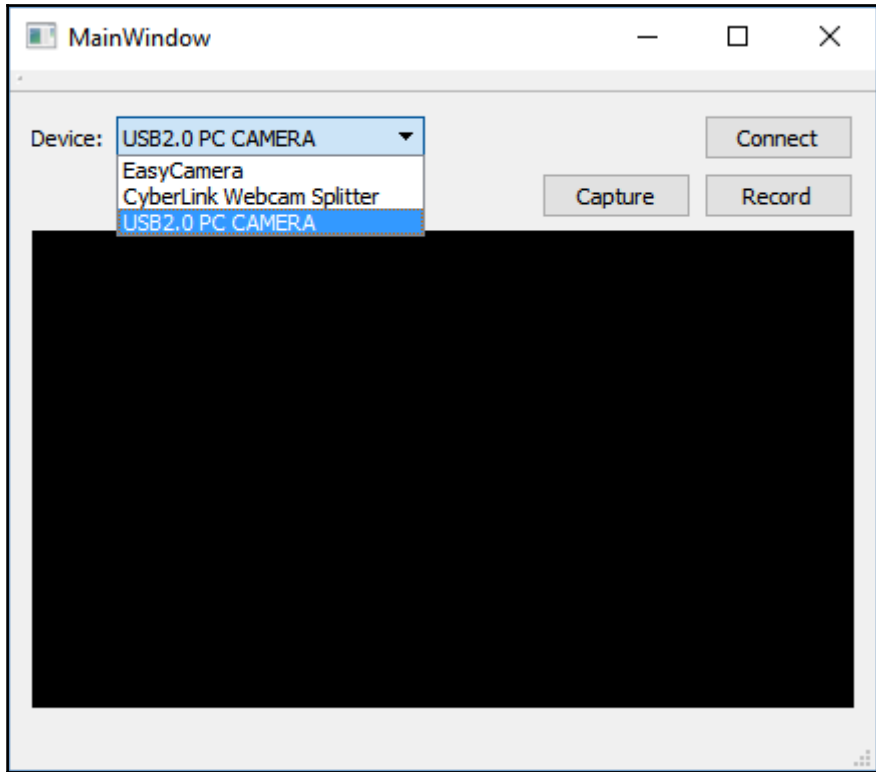


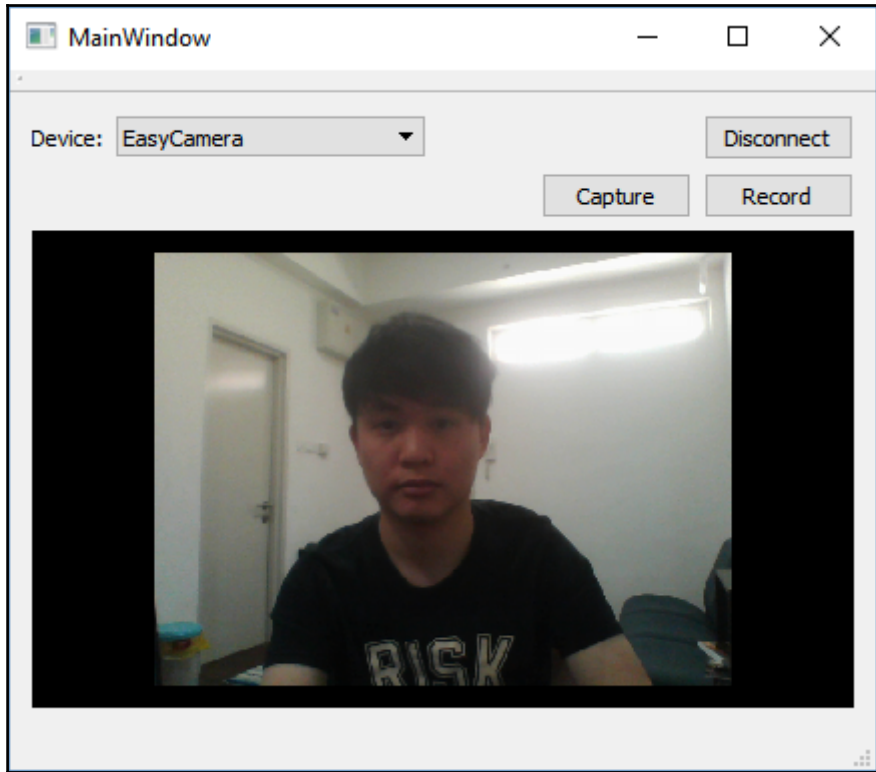
| Horizontal Policy | Preferred |
|--------------------|----------------|
| Vertical Policy | Expanding |
| Horizontal Stretch | Fixed |
| Vertical Stretch | Minimum |
| MinimumSize | Maximum |
| Width | Preferred |
| Height | MinimumExpa... |
| MaximumSize | Expanding |
| | Ignored |



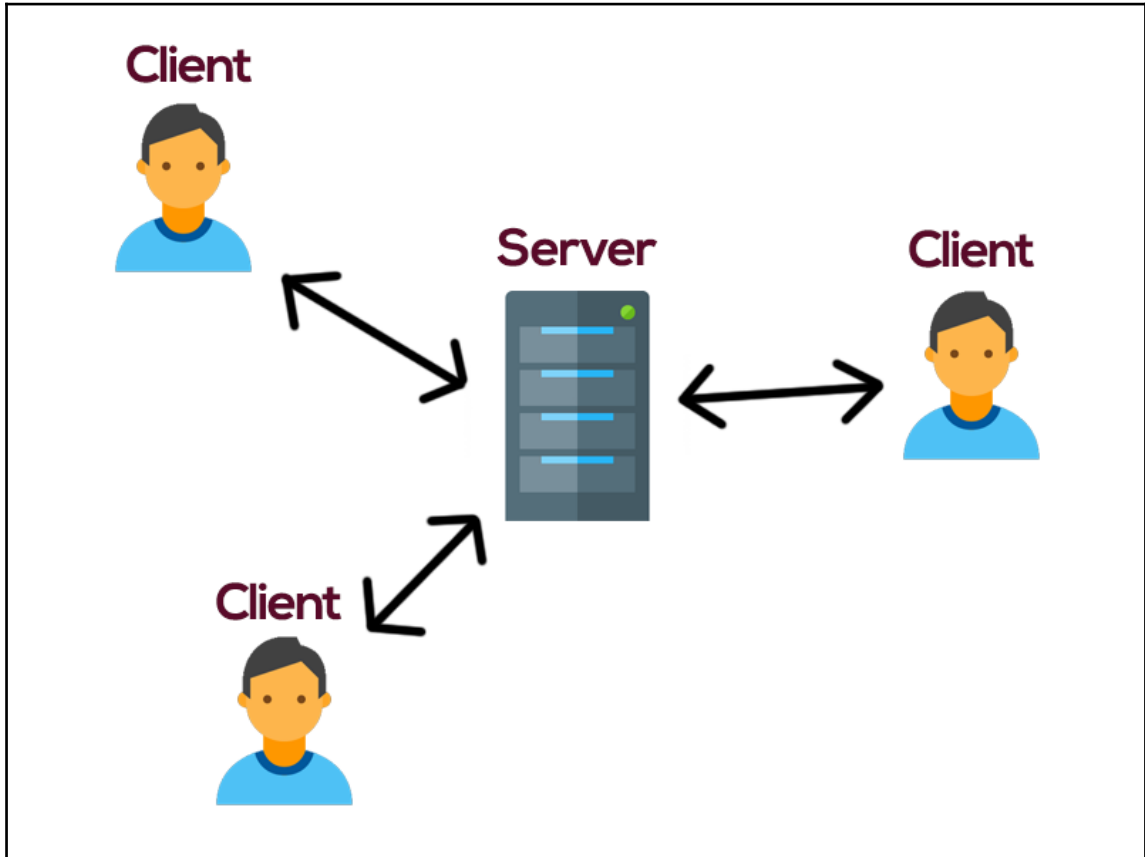


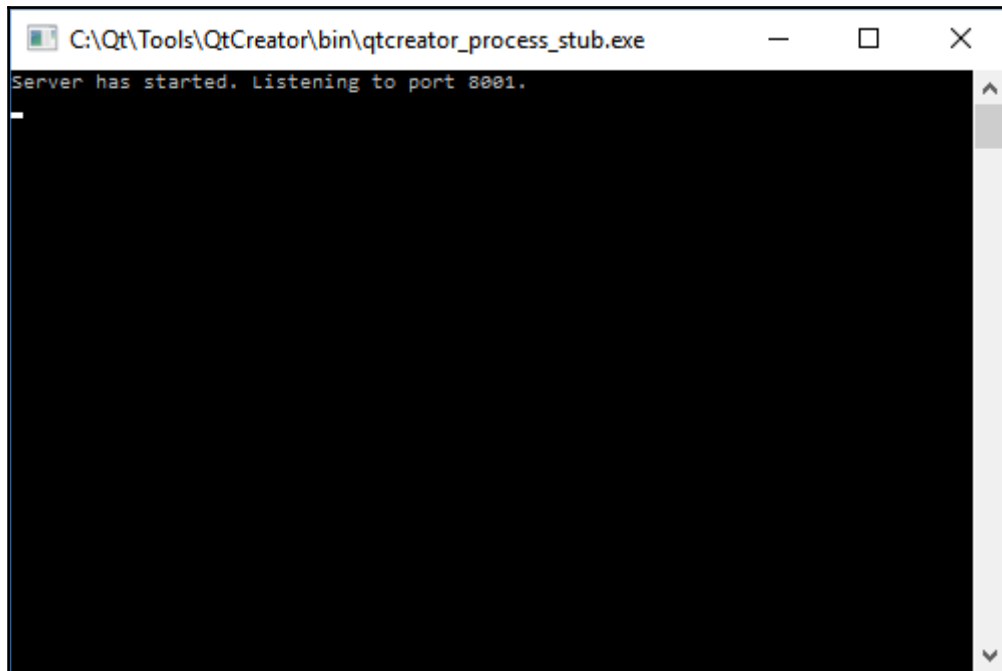


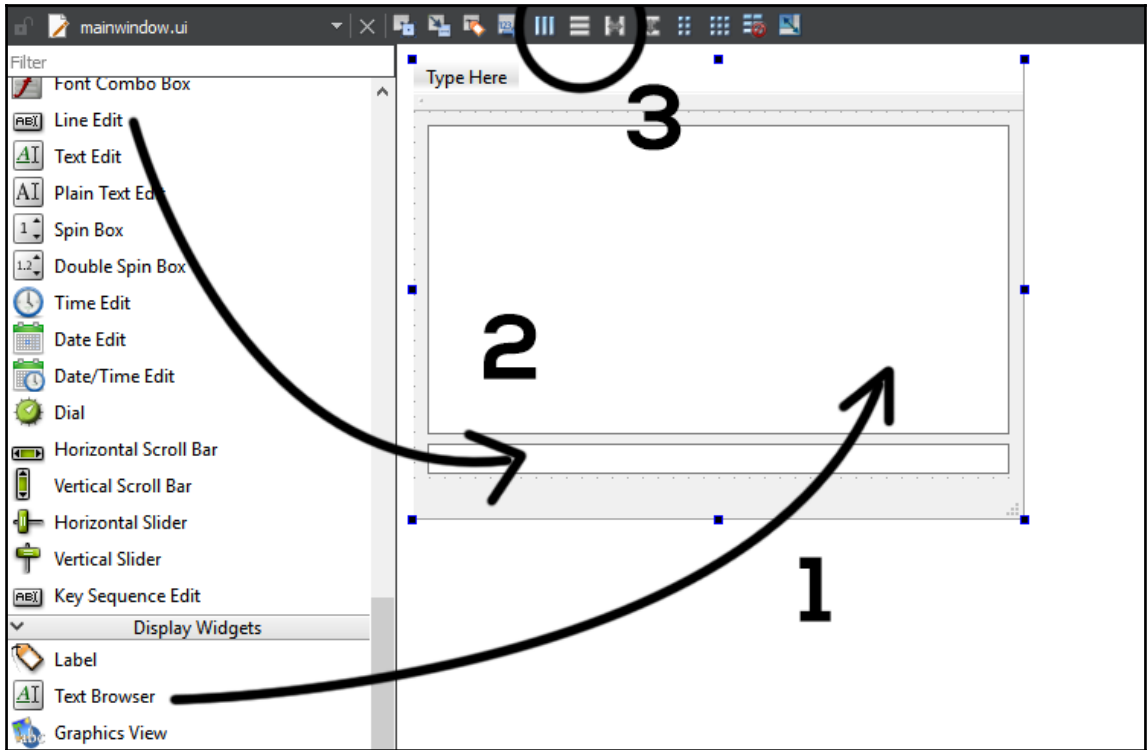


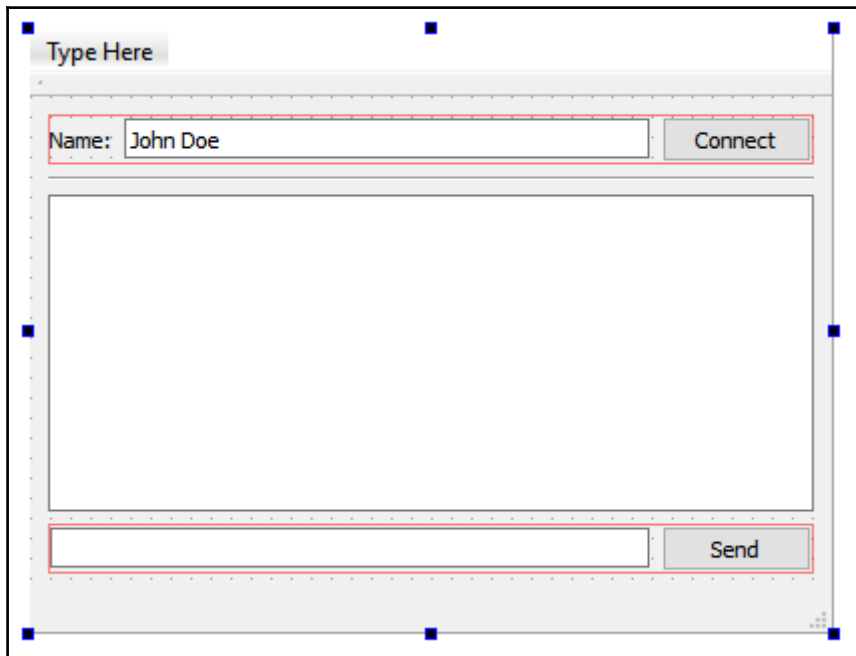
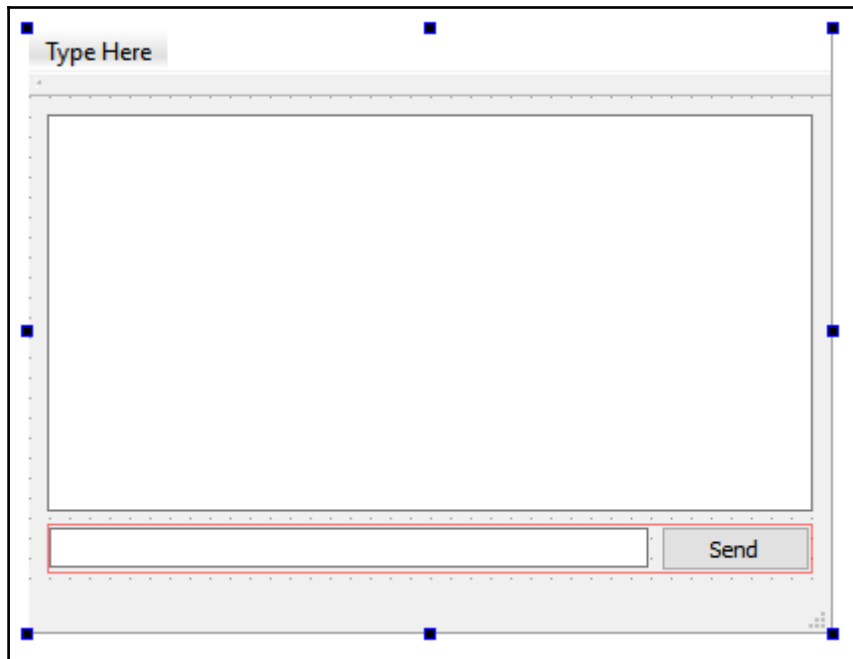


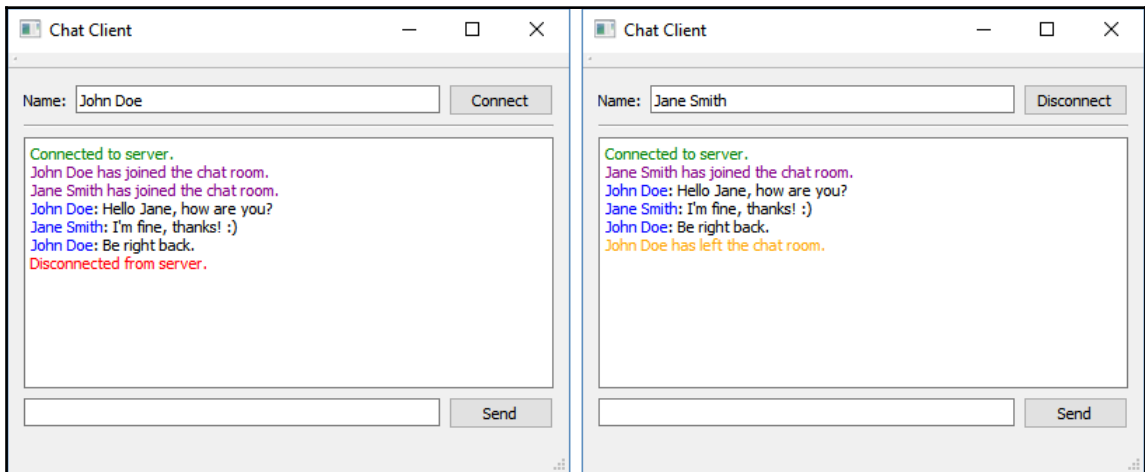
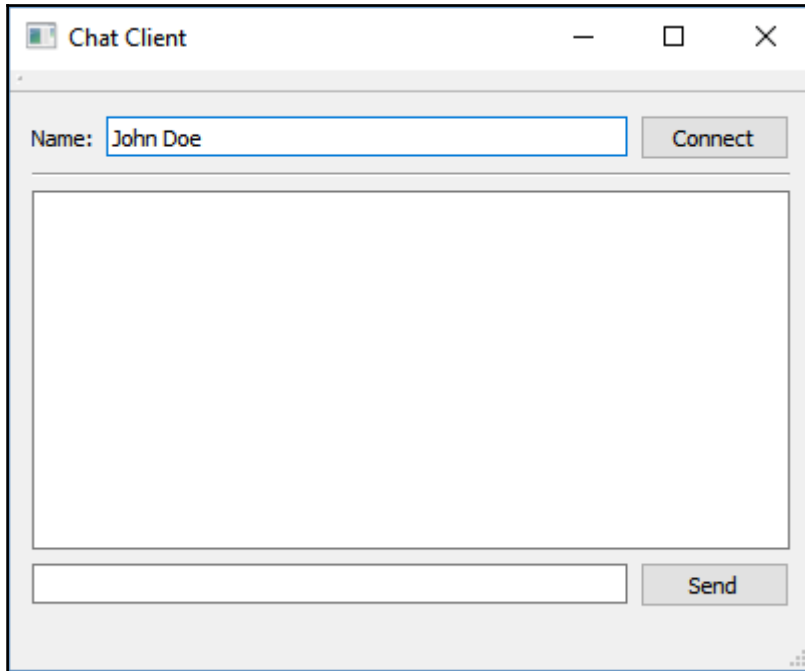
Chapter 10: Instant Messaging

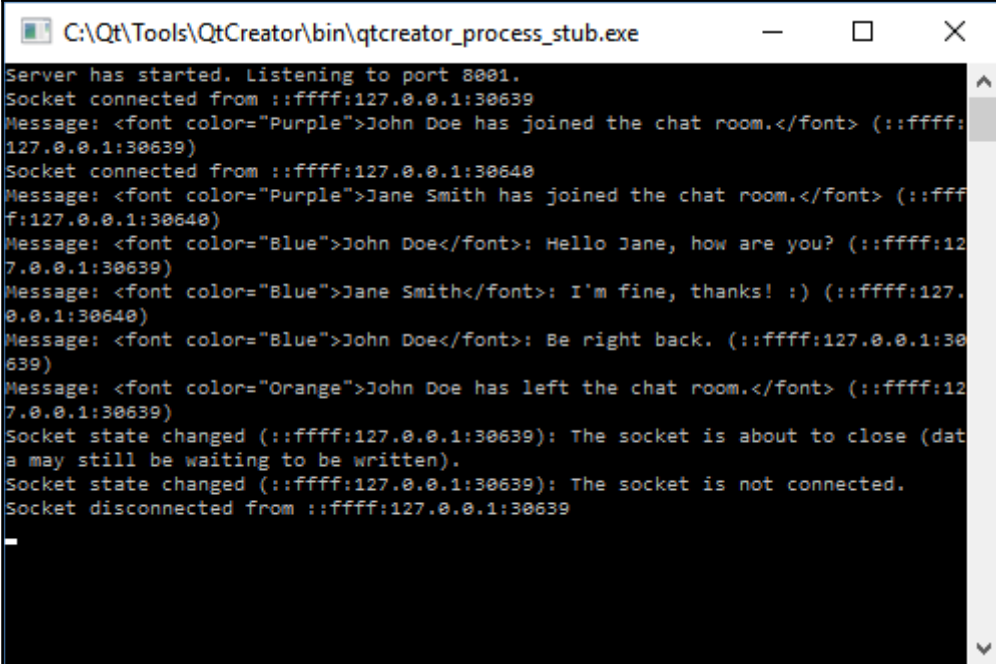






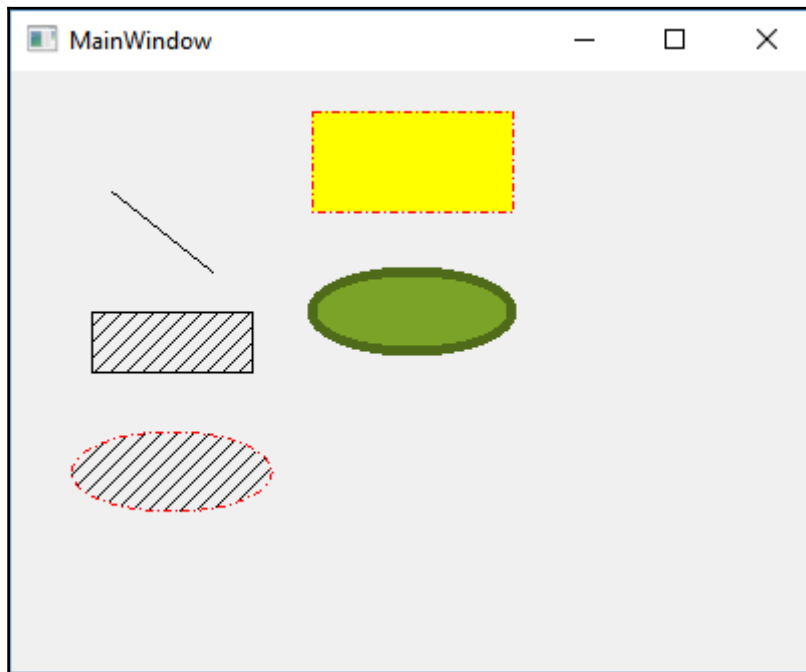
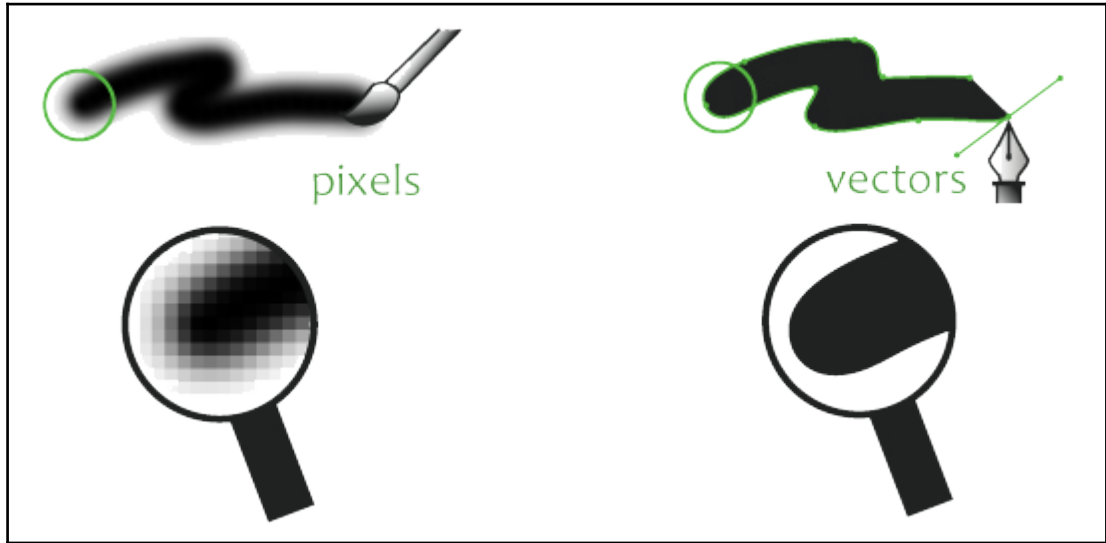


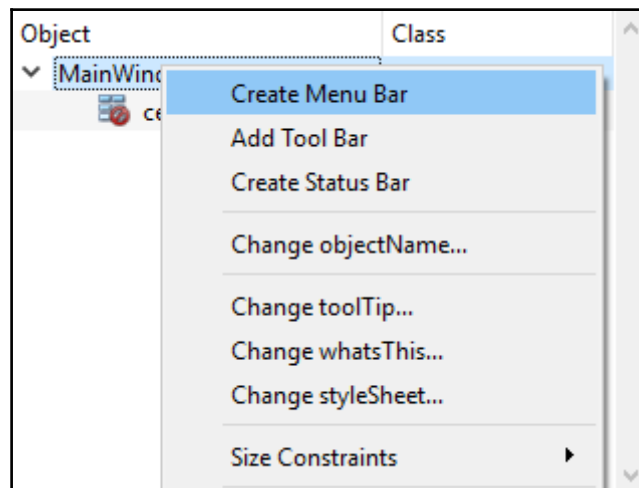
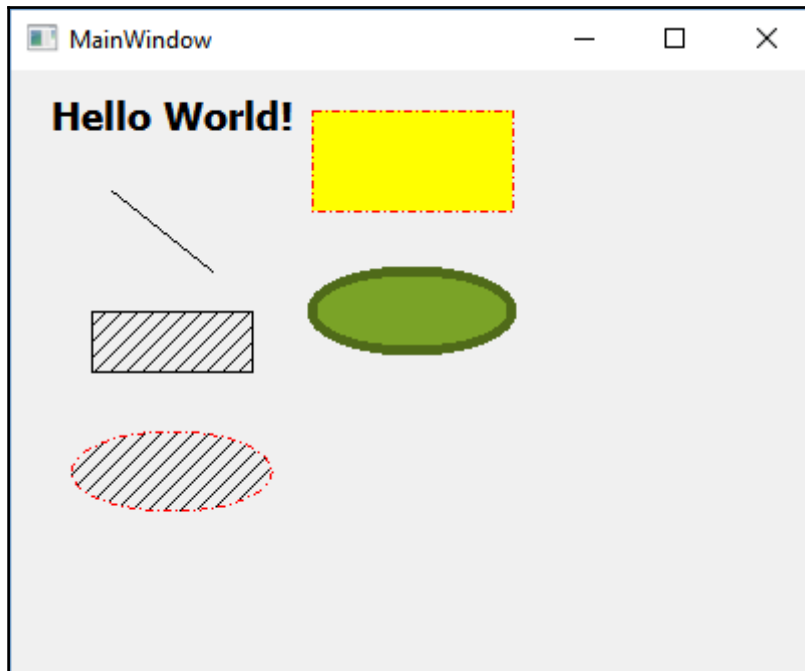


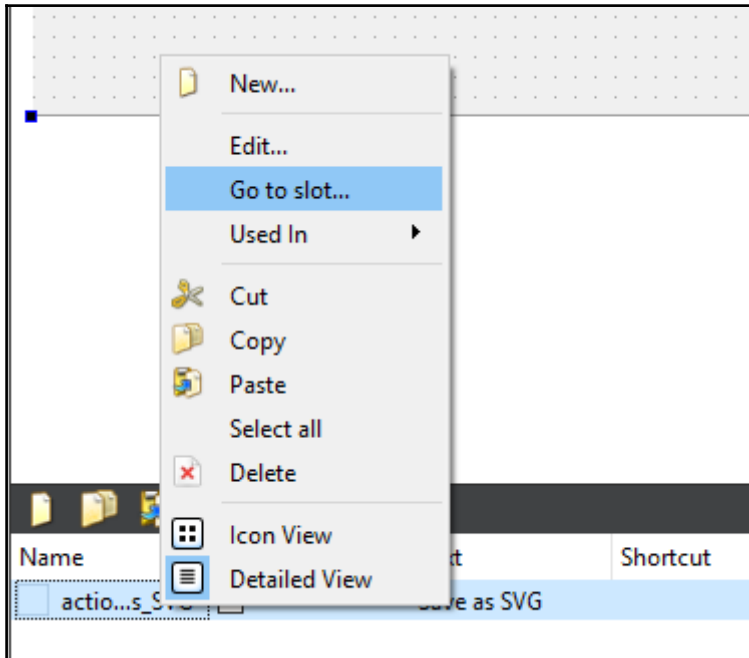
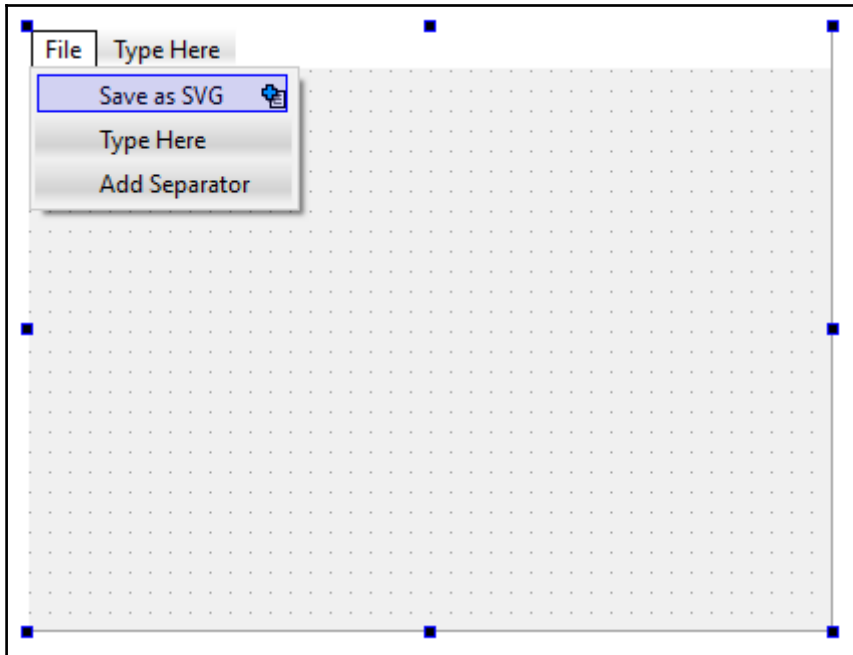


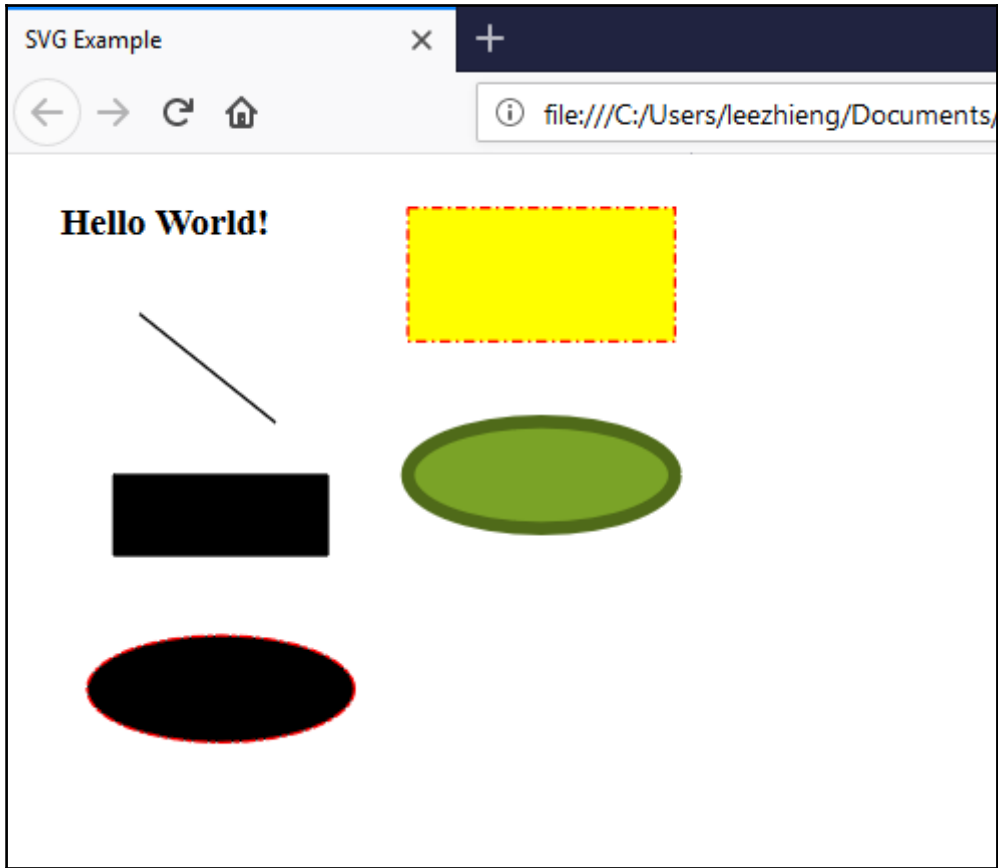
```
C:\Qt\Tools\QtCreator\bin\qtcreator_process_stub.exe
Server has started. Listening to port 8001.
Socket connected from ::ffff:127.0.0.1:30639
Message: <font color="Purple">John Doe has joined the chat room.</font> (::ffff:127.0.0.1:30639)
Socket connected from ::ffff:127.0.0.1:30640
Message: <font color="Purple">Jane Smith has joined the chat room.</font> (::ffff:127.0.0.1:30640)
Message: <font color="Blue">John Doe</font>: Hello Jane, how are you? (::ffff:127.0.0.1:30639)
Message: <font color="Blue">Jane Smith</font>: I'm fine, thanks! :) (::ffff:127.0.0.1:30640)
Message: <font color="Blue">John Doe</font>: Be right back. (::ffff:127.0.0.1:30639)
Message: <font color="Orange">John Doe has left the chat room.</font> (::ffff:127.0.0.1:30639)
Socket state changed (::ffff:127.0.0.1:30639): The socket is about to close (data may still be waiting to be written).
Socket state changed (::ffff:127.0.0.1:30639): The socket is not connected.
Socket disconnected from ::ffff:127.0.0.1:30639
```

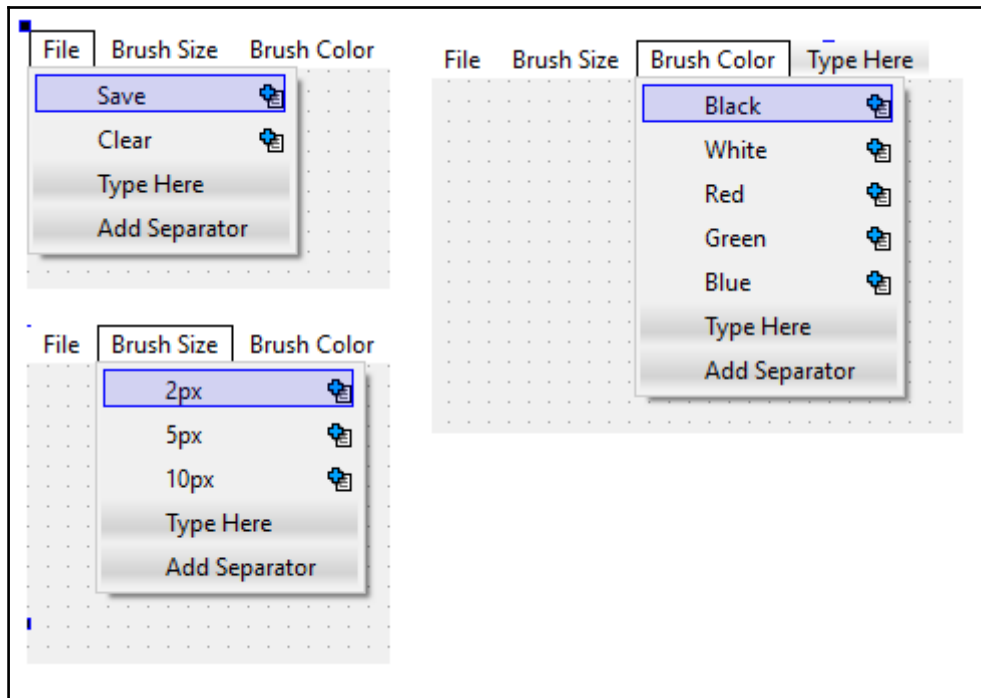
Chapter 11: Implementing a Graphics Editor

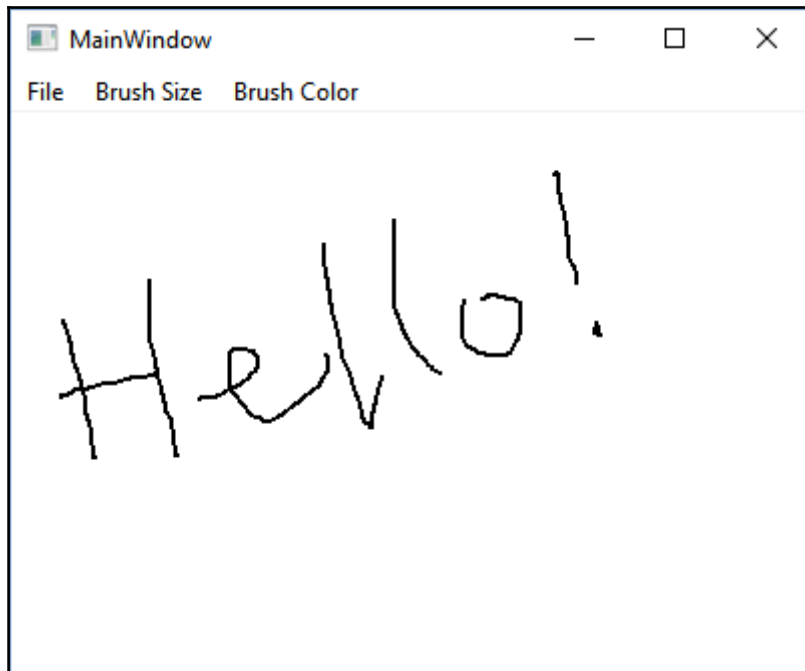


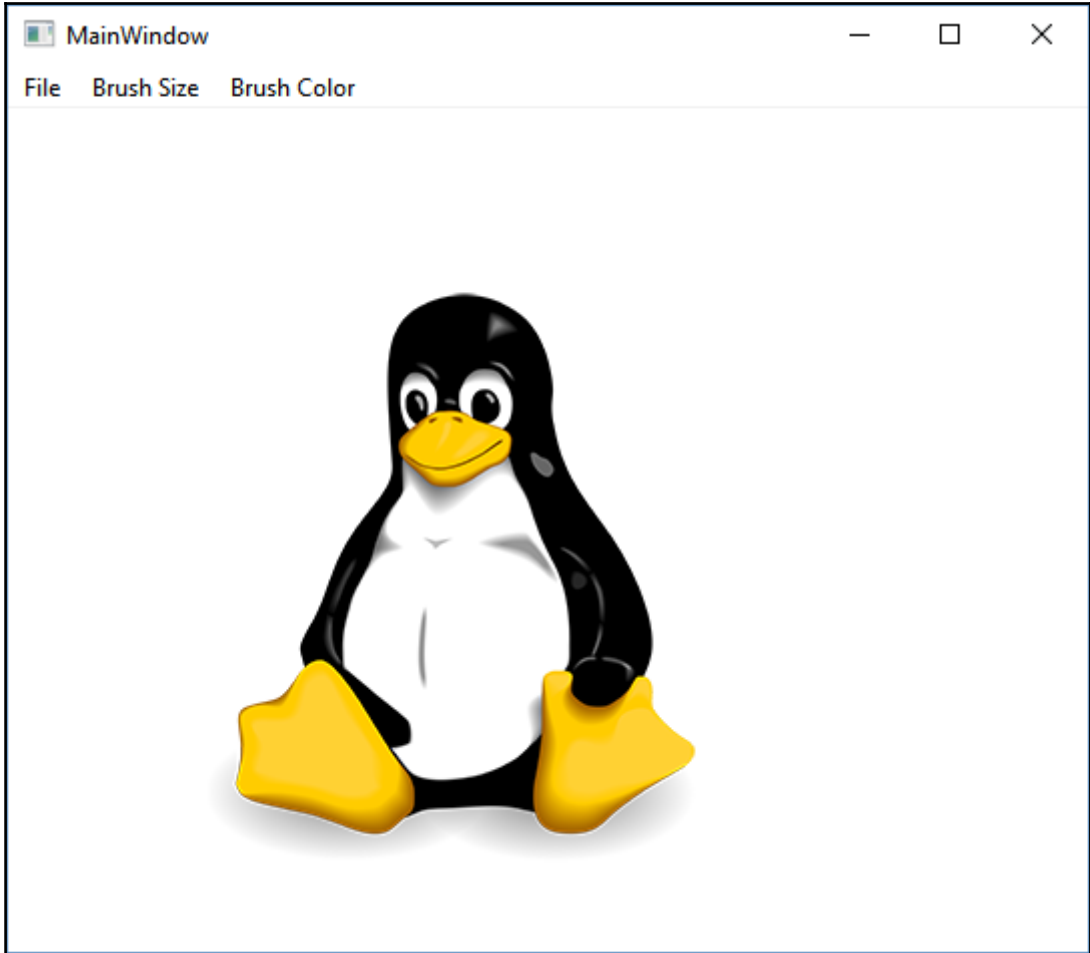


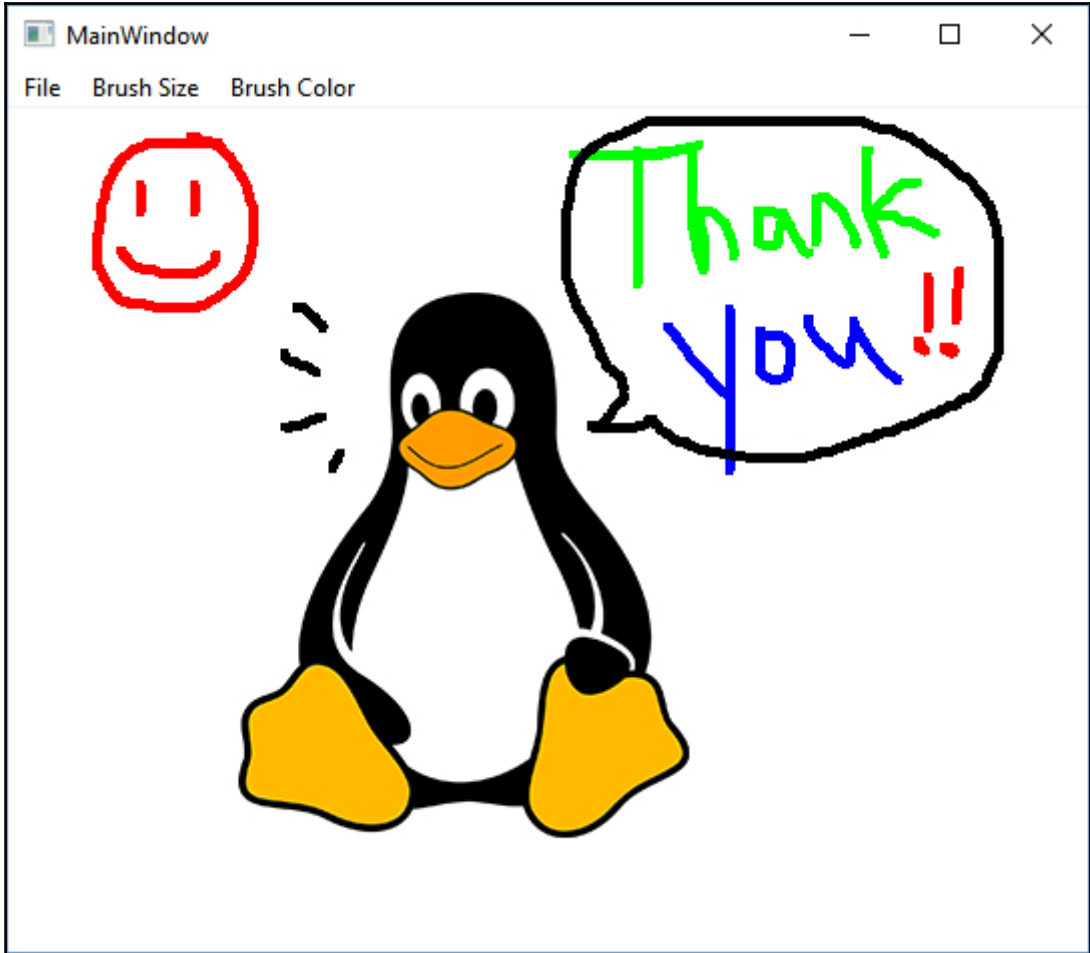












Chapter 12: Cloud Storage



FileZilla The free FTP solution

Home

FileZilla

- Features
- Screenshots
- Download
- Documentation

FileZilla Server

- Download

Community

- Forum
- Project page
- Wiki

General

- FAQ
- Support
- Contact

Overview

Welcome to the homepage of FileZilla®, the free FTP solution. Both a client and a server are charge under the terms of the GNU General Public License.

Support is available through our [forums](#), the [wiki](#) and the [bug and feature request trackers](#).

In addition, you will find documentation on how to compile FileZilla and nightly builds for mu

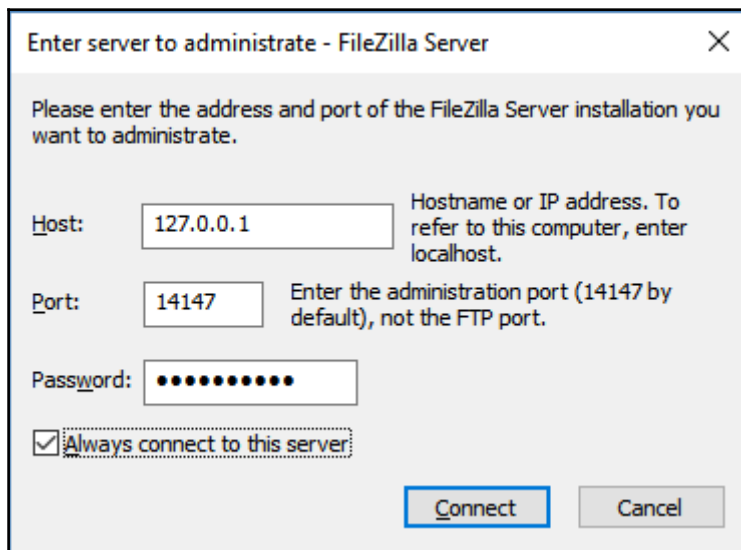
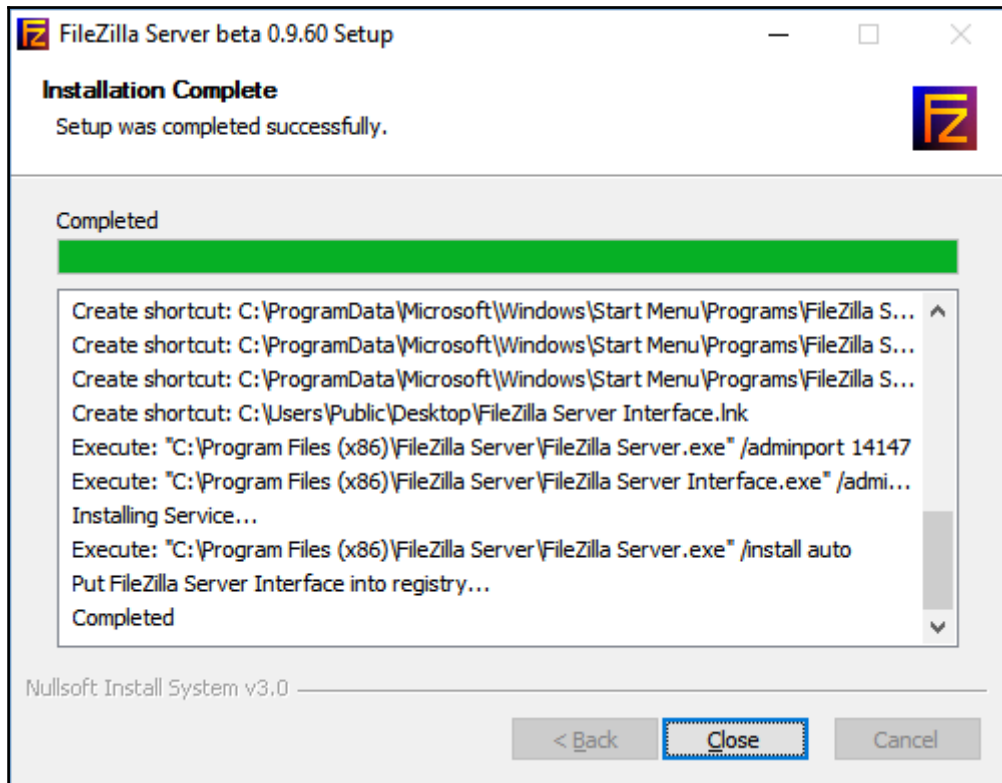
Quick download links

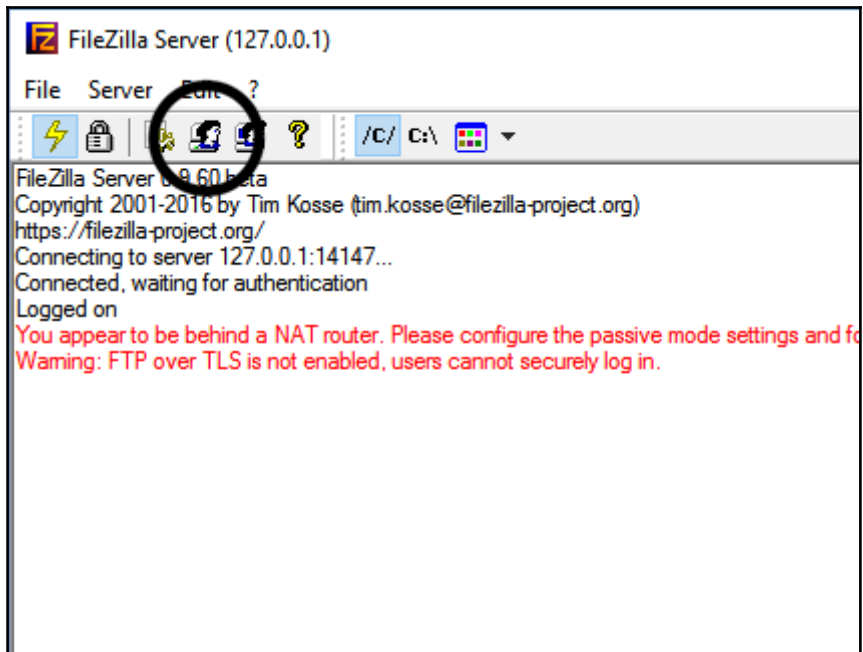
Download FileZilla Client
All platforms

Download FileZilla Server
Windows only

Pick the client if you want to transfer files. Get the server if you want to make files av

News





Users

Page:

- General
- Shared folders
- Speed Limits
- IP Filter

Account settings

Enable account

Password:

Group membership:

Bypass userlimit of server

Maximum connection count:

Connection limit per IP:

Force TLS for user login

Description

You can enter some comments about the user

Users

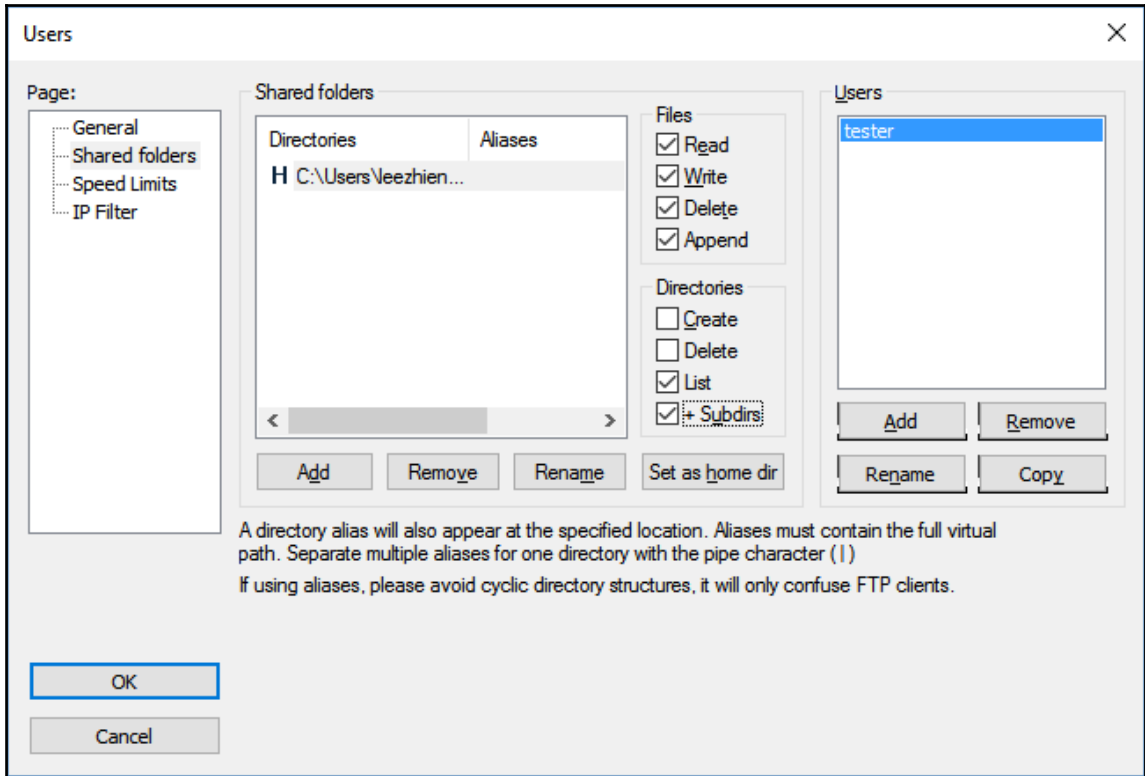
tester

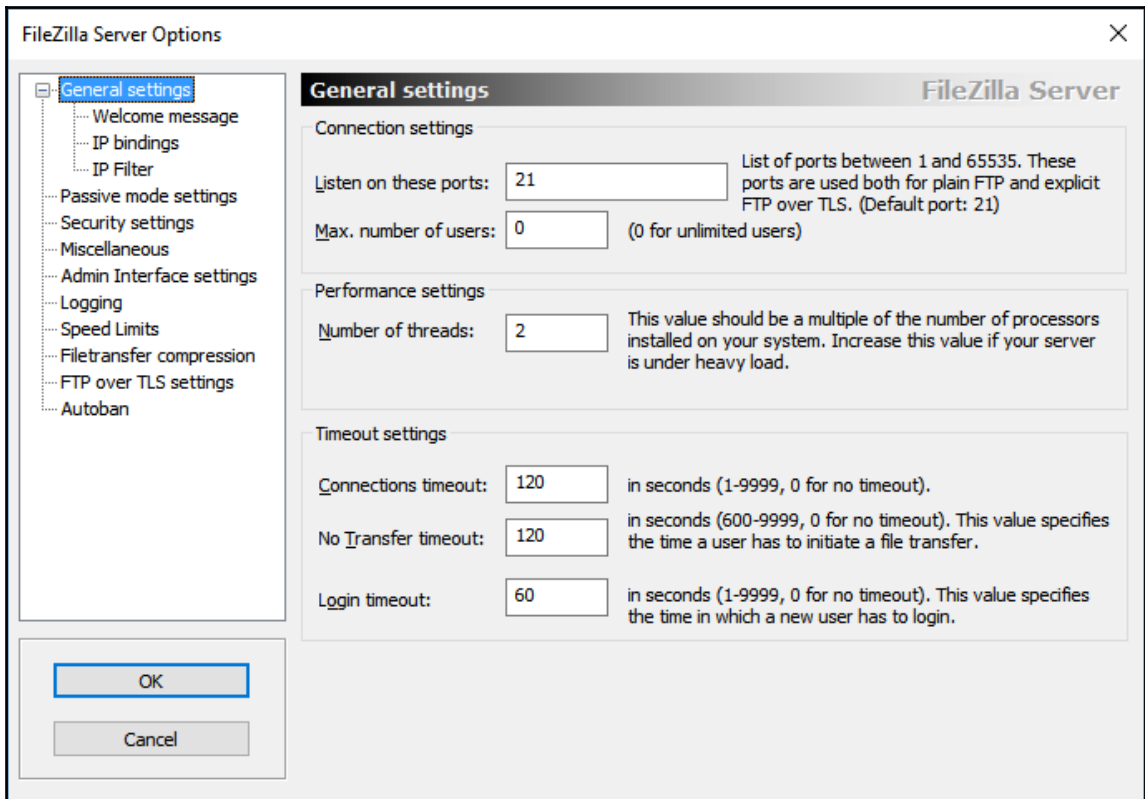
Add Remove

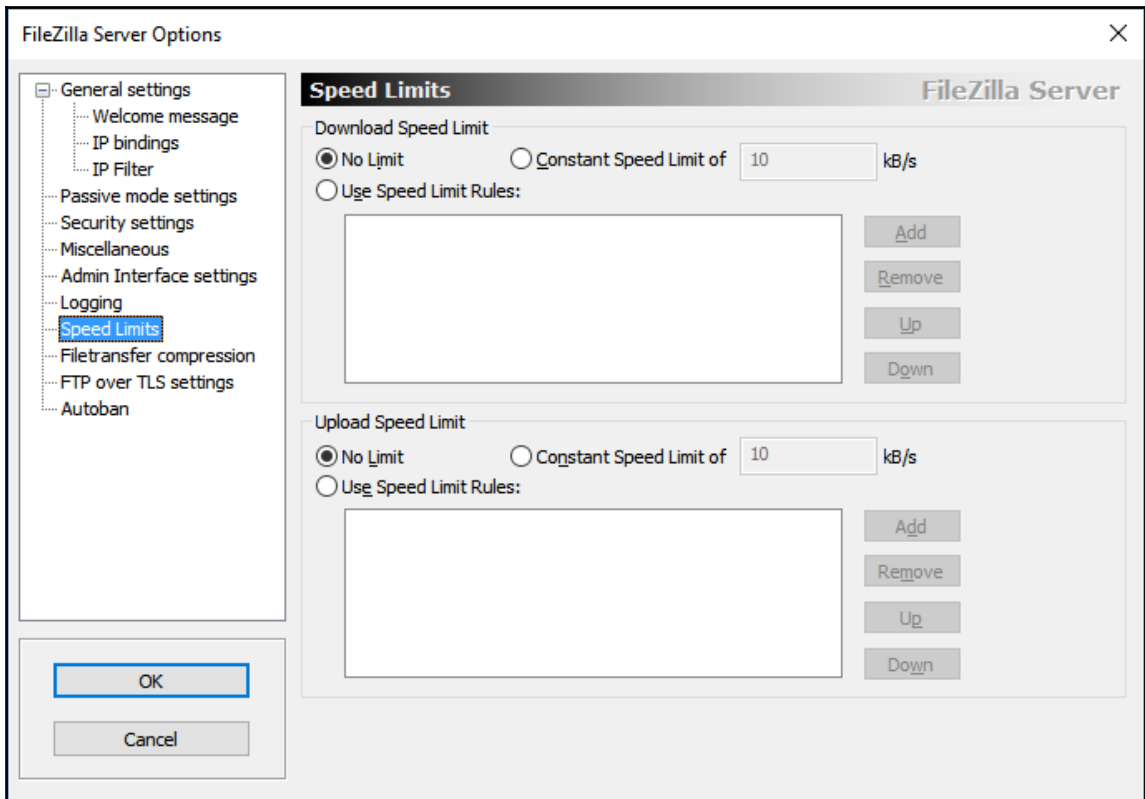
Rename Copy

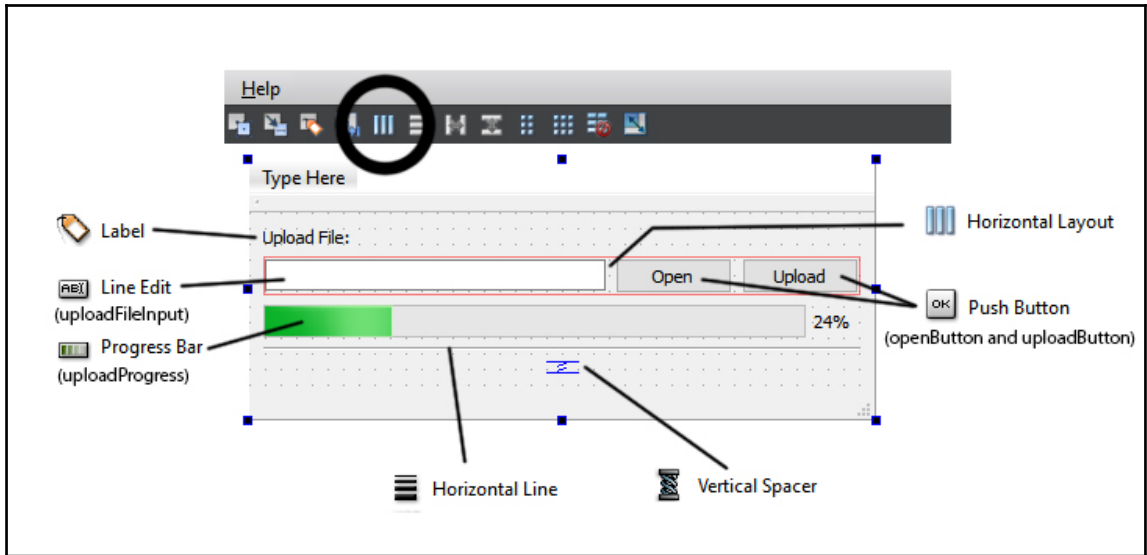
OK

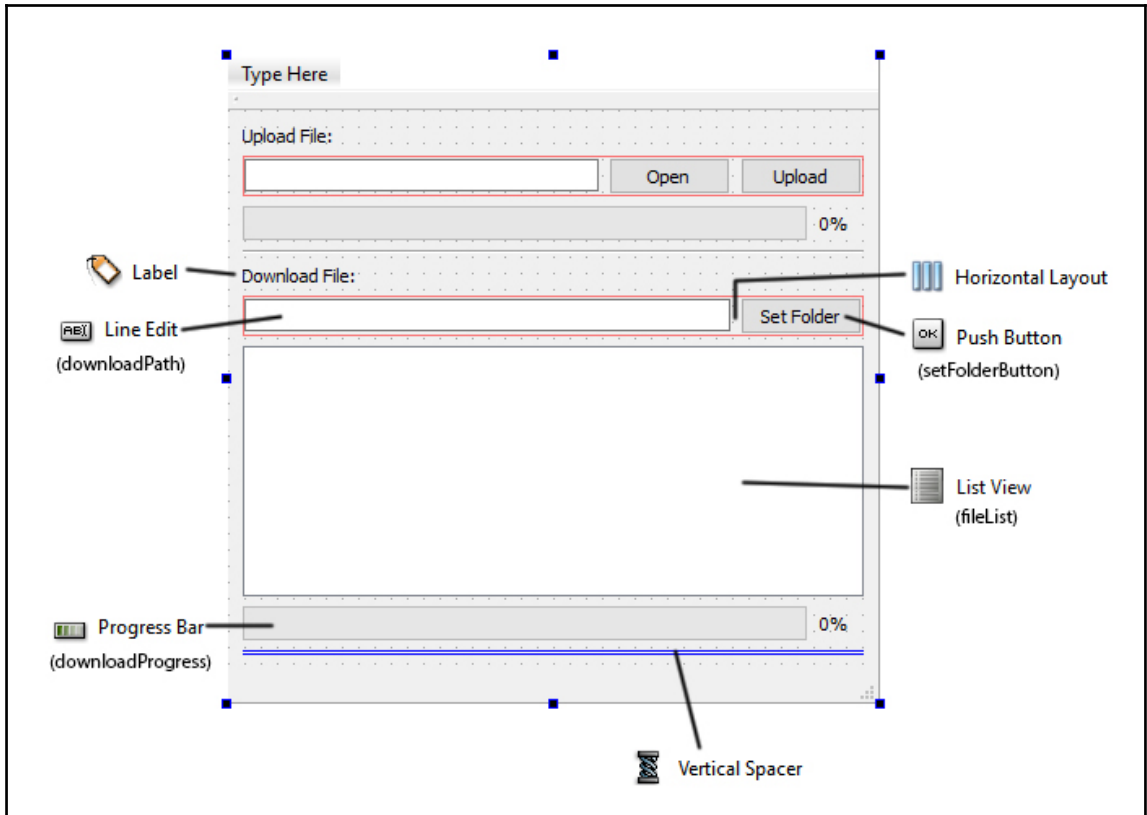
Cancel

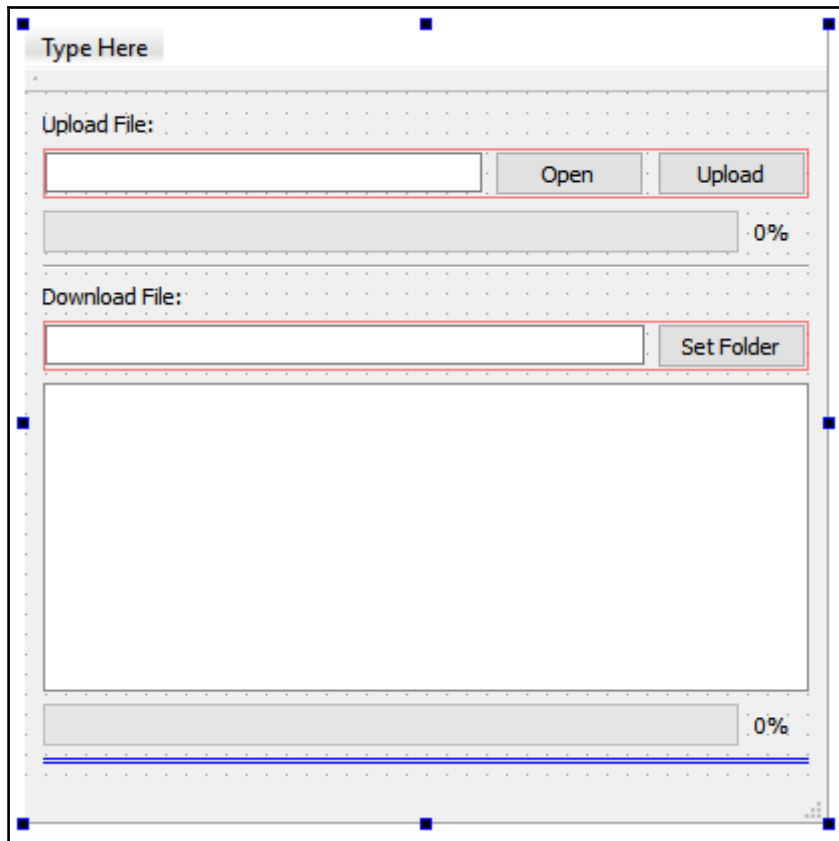


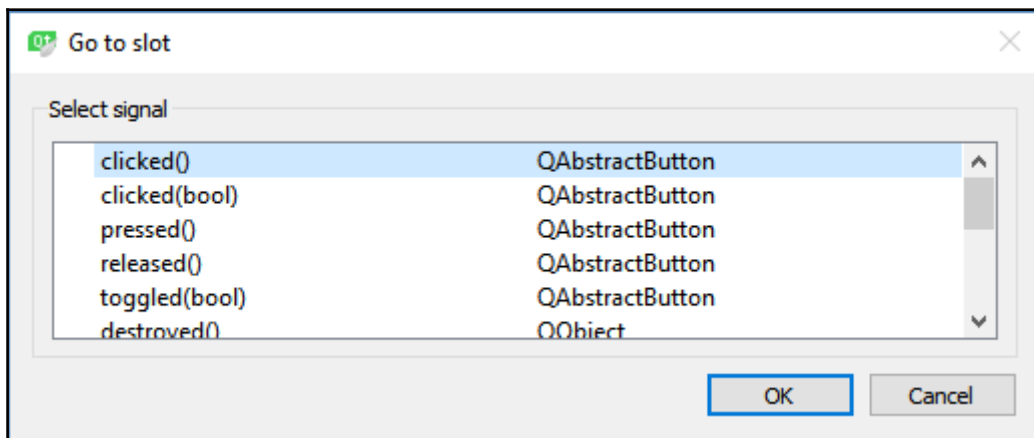
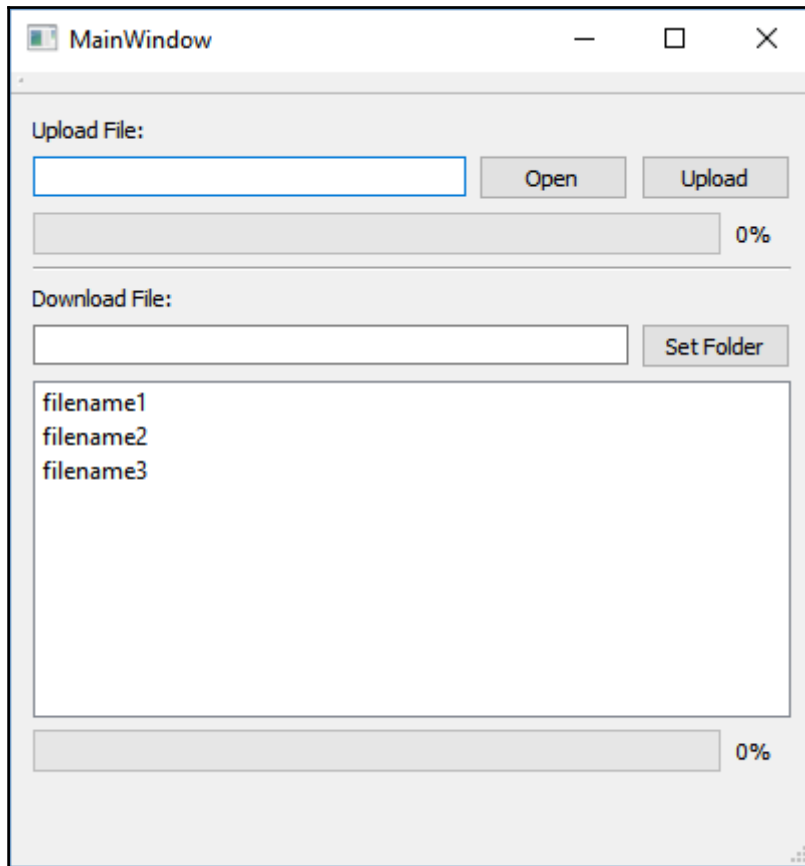


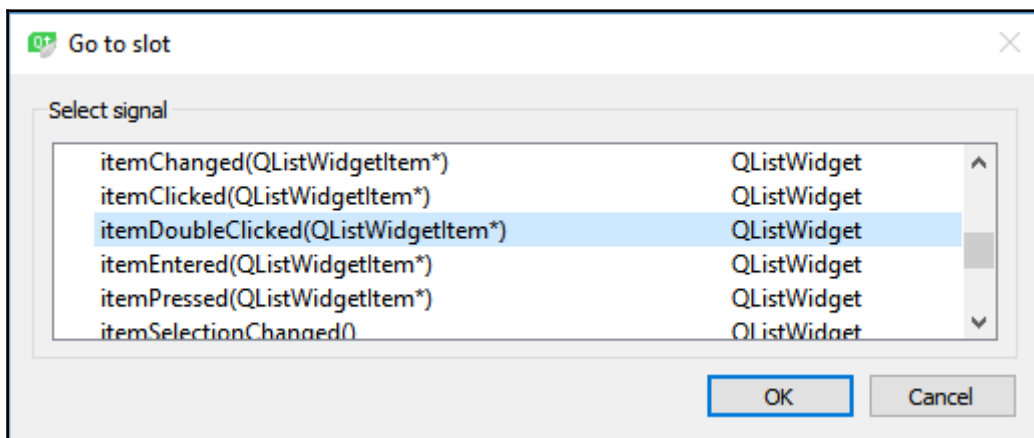
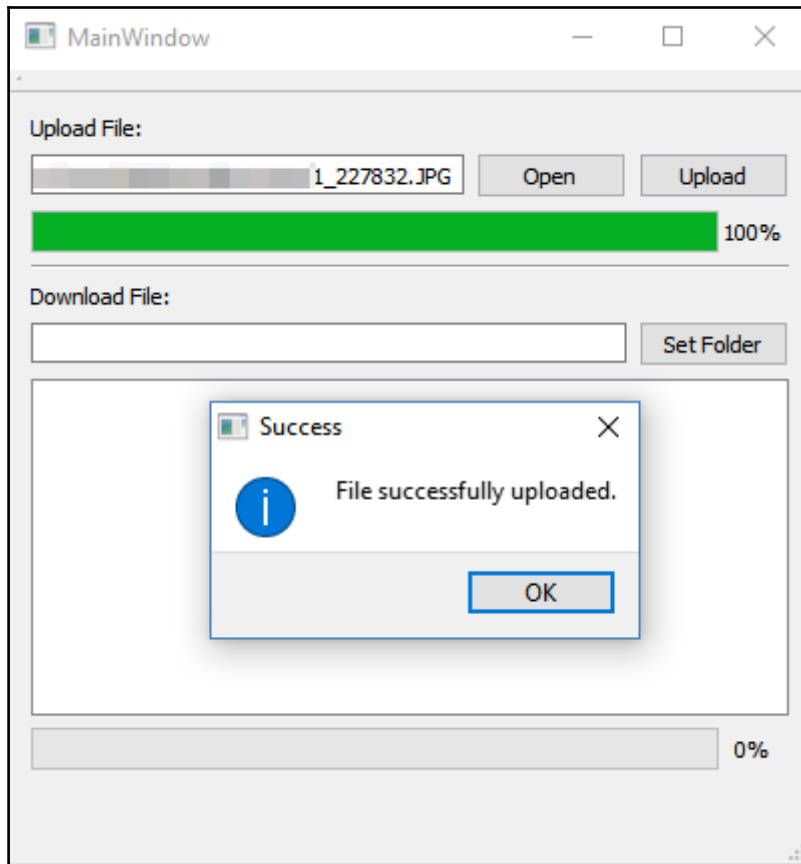




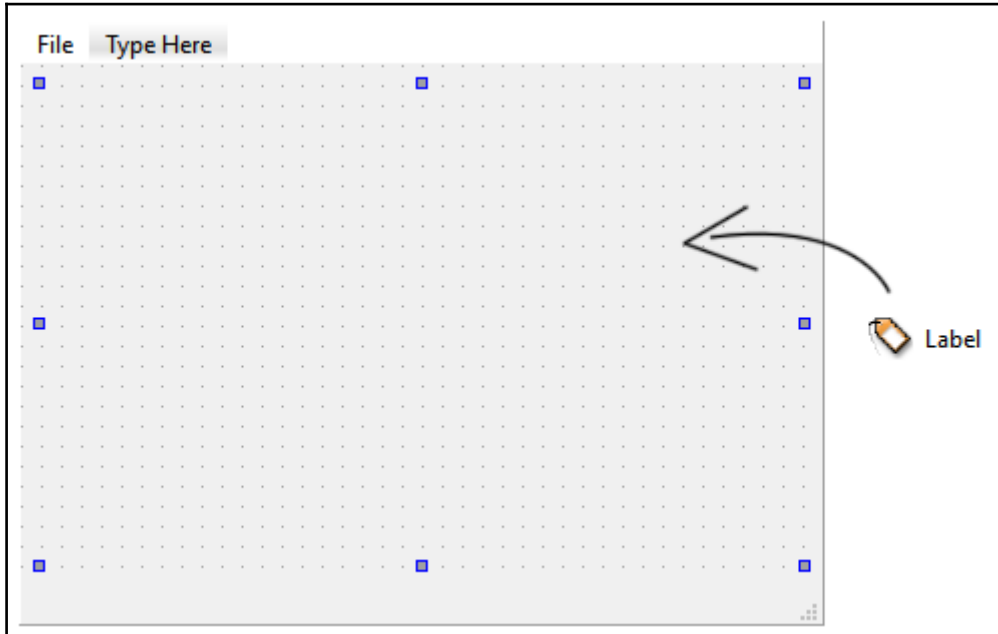




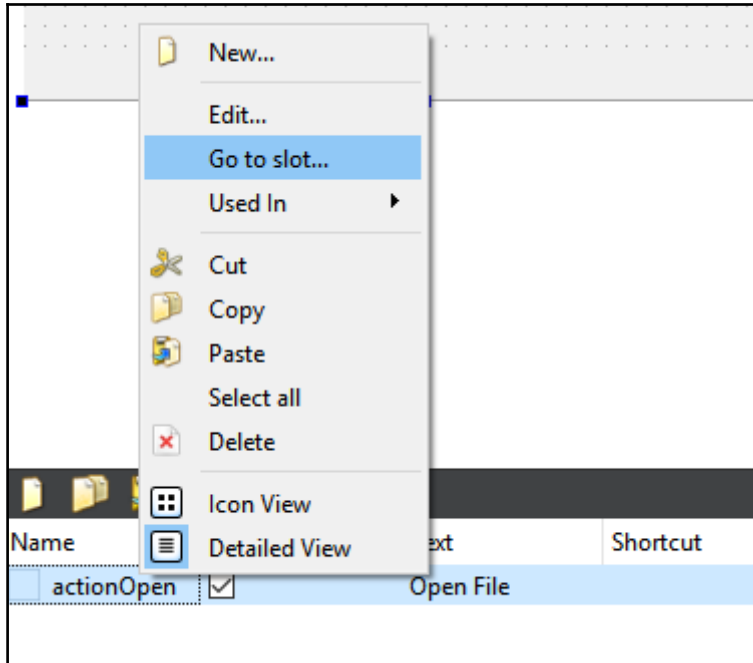
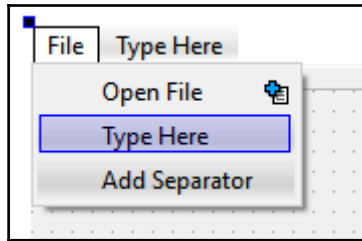


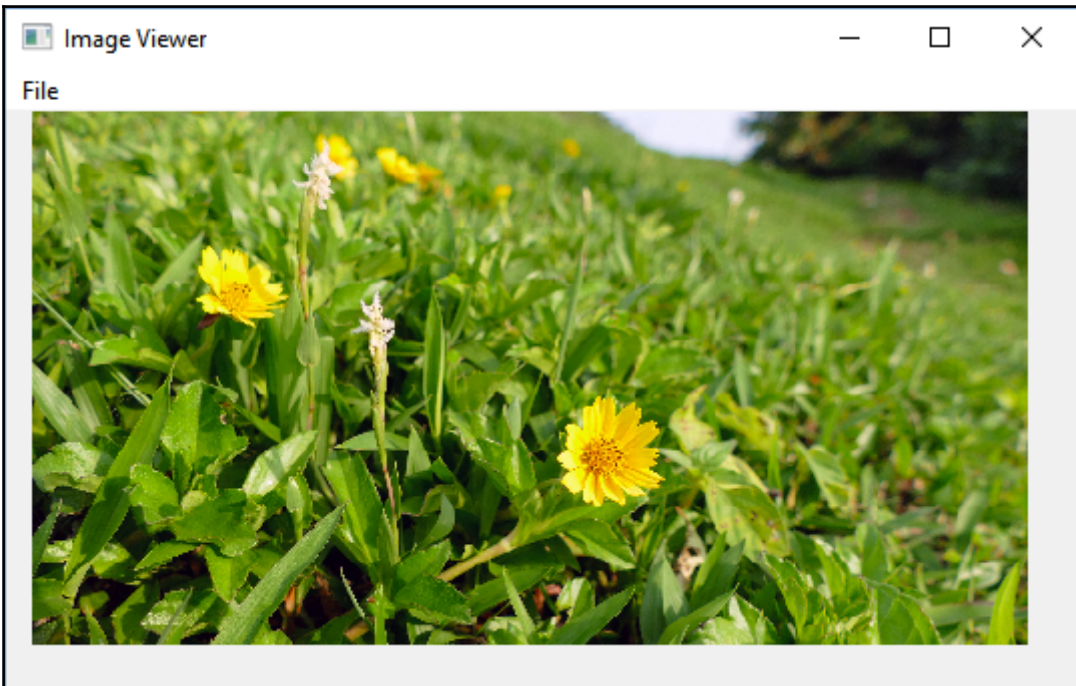
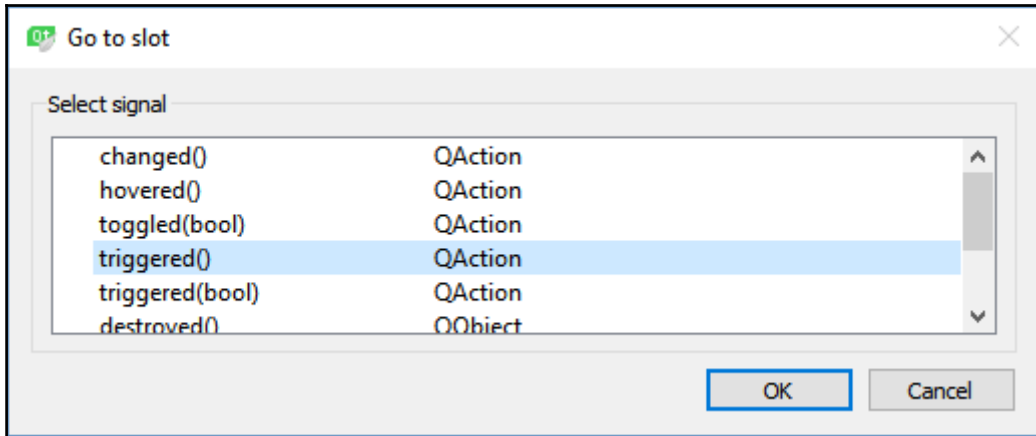


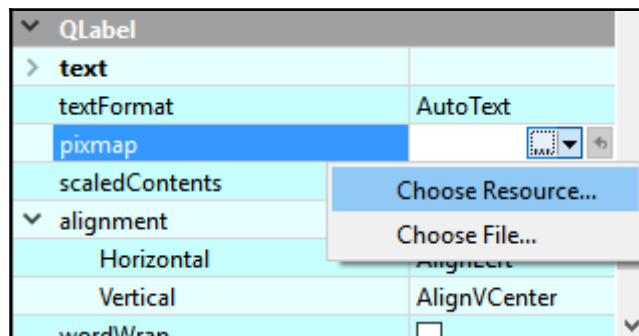
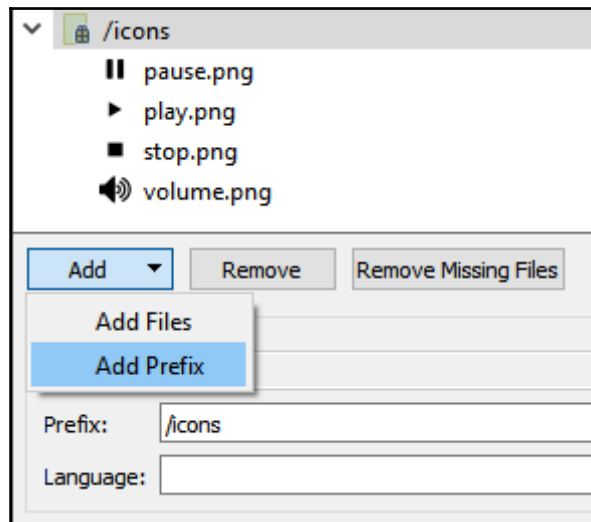
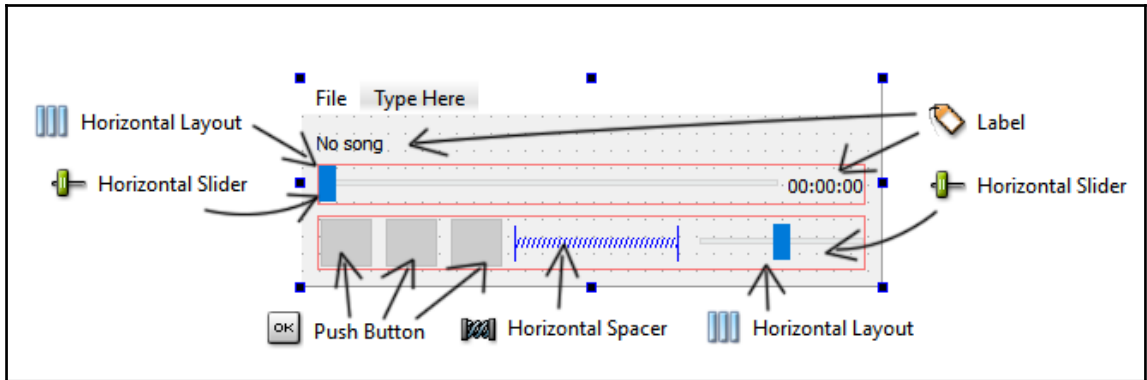
Chapter 13: Multimedia Viewers

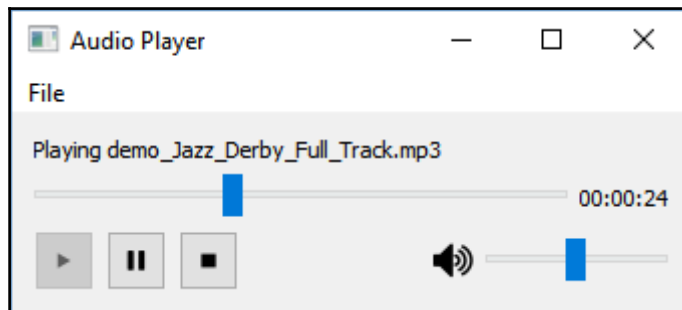
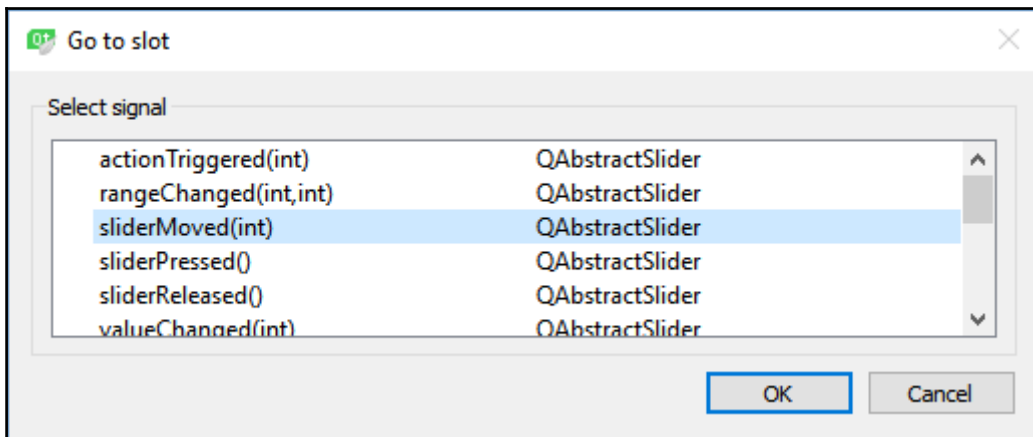
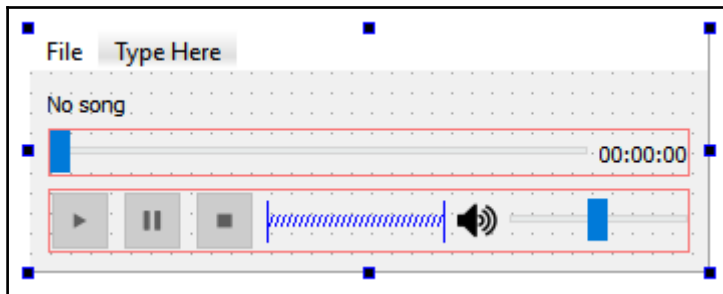


| Layout | |
|----------------------|--------------------|
| layoutName | verticalLayout |
| layoutLeftMargin | 0 |
| layoutTopMargin | 0 |
| layoutRightMargin | 0 |
| layoutBottomMargin | 0 |
| layoutSpacing | 0 |
| layoutStretch | 0 |
| layoutSizeConstraint | SetDefaultConst... |

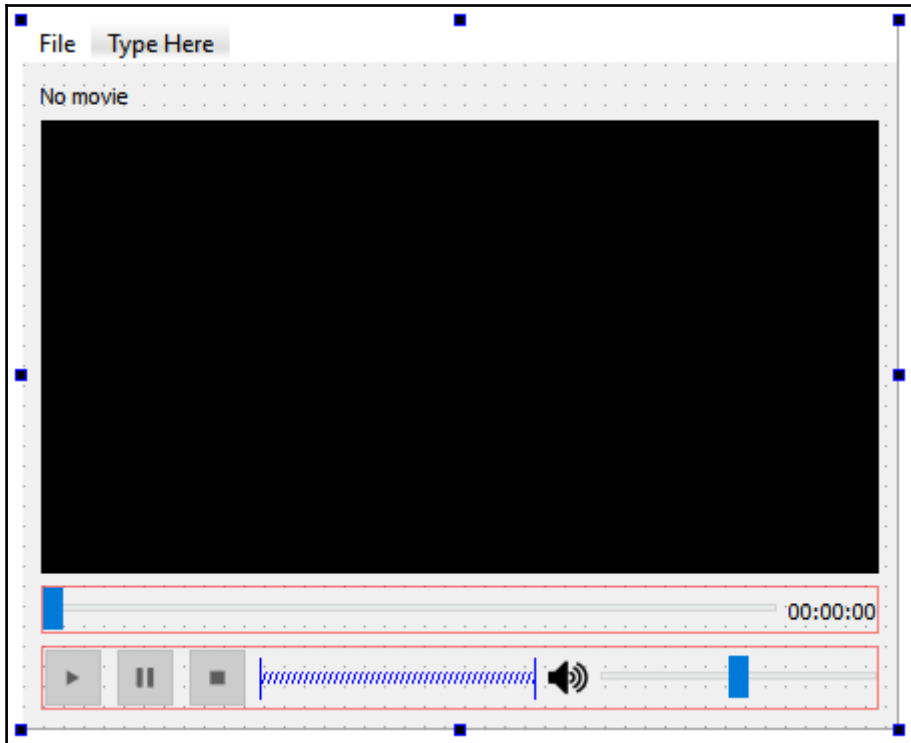


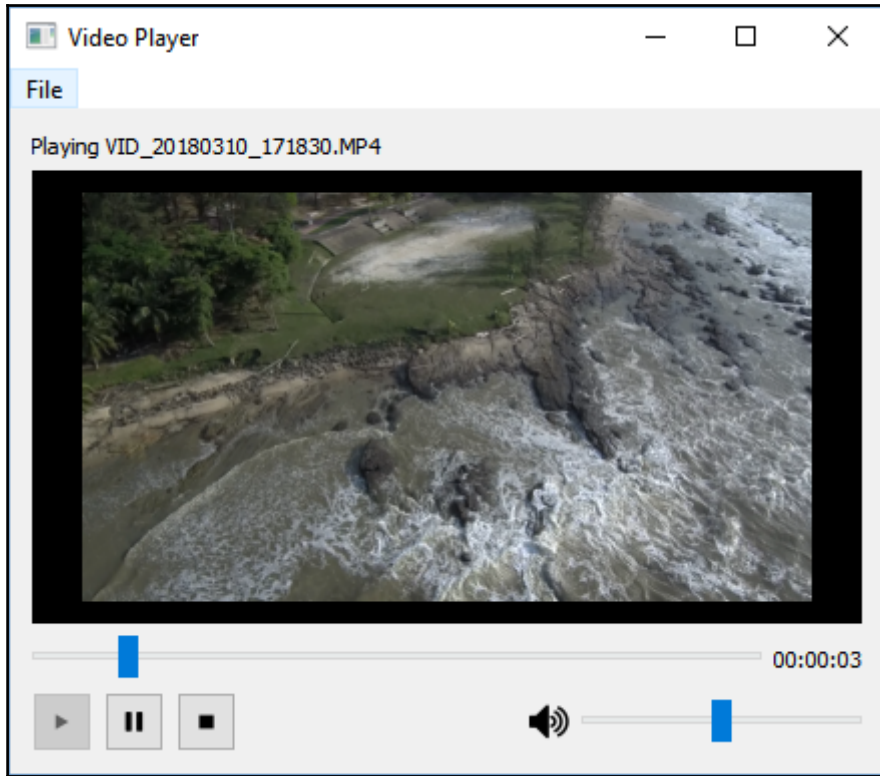




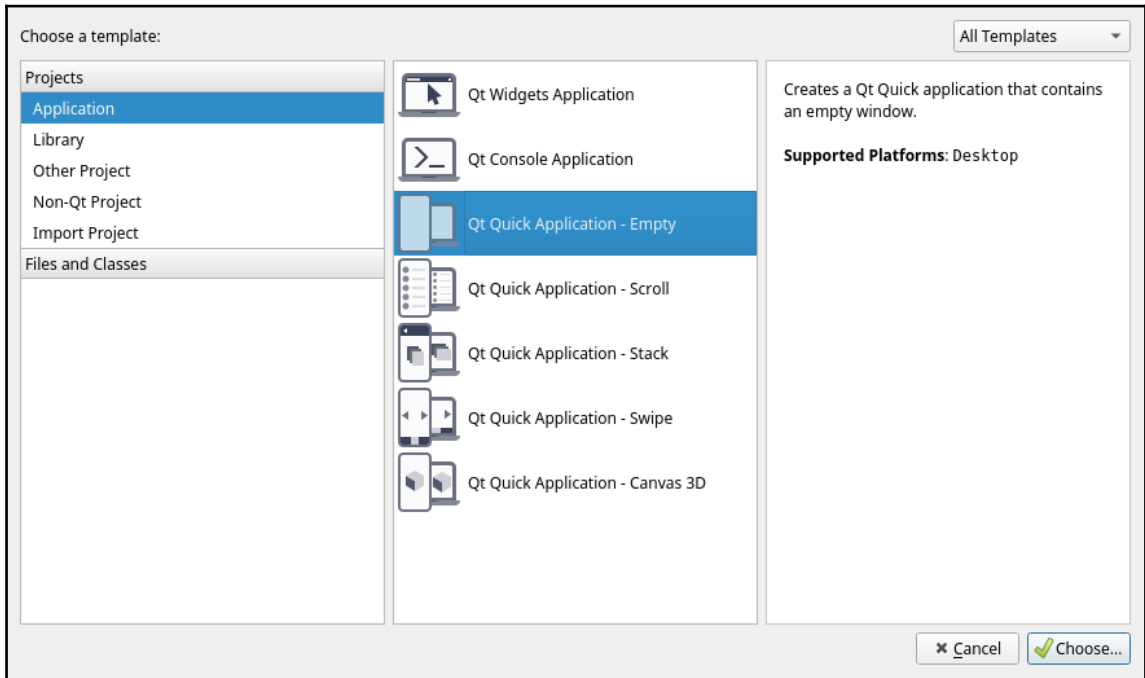


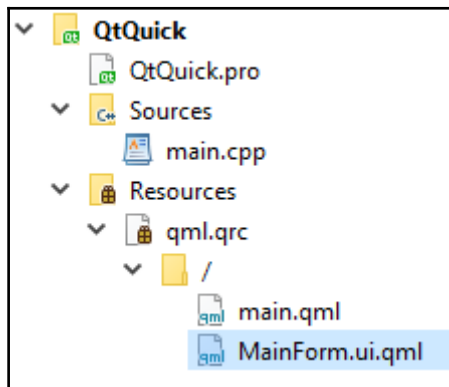
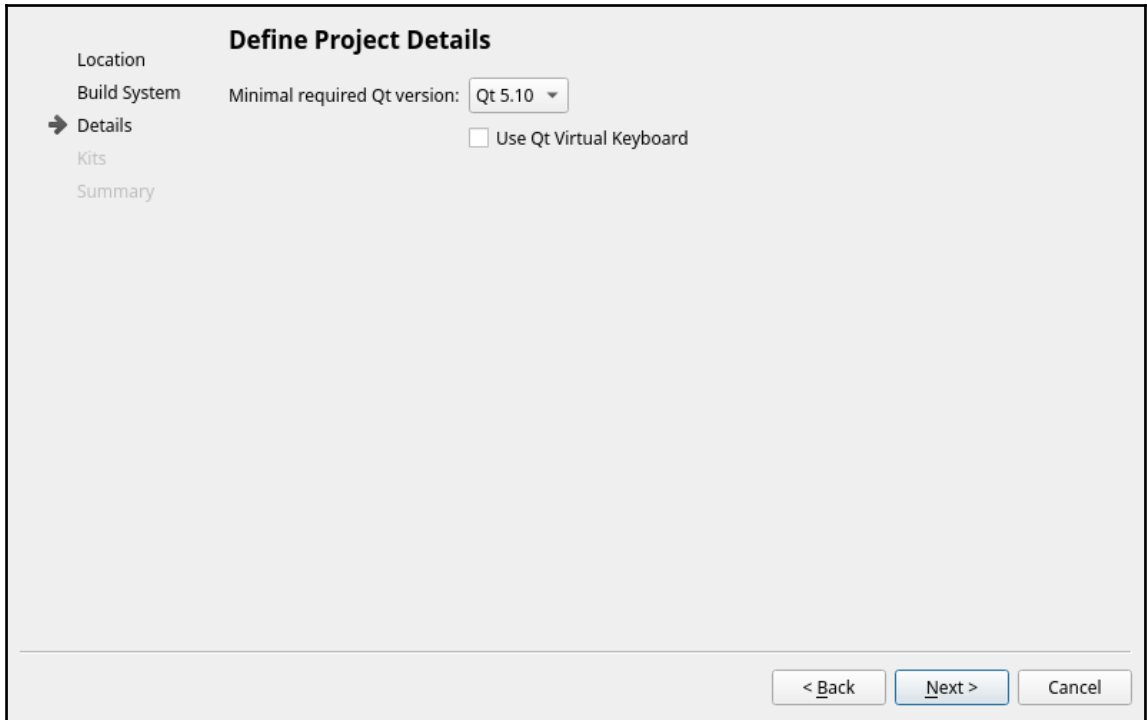
| | |
|-------------------|--------------------|
| ▼ sizePolicy | [Expanding, Exp... |
| Horizontal Policy | Expanding |
| Vertical Policy | Expanding |

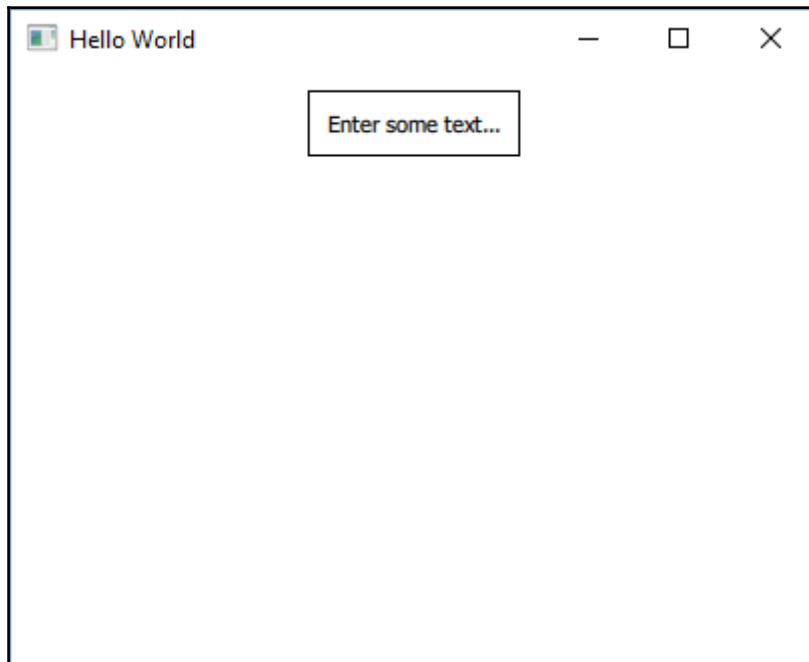
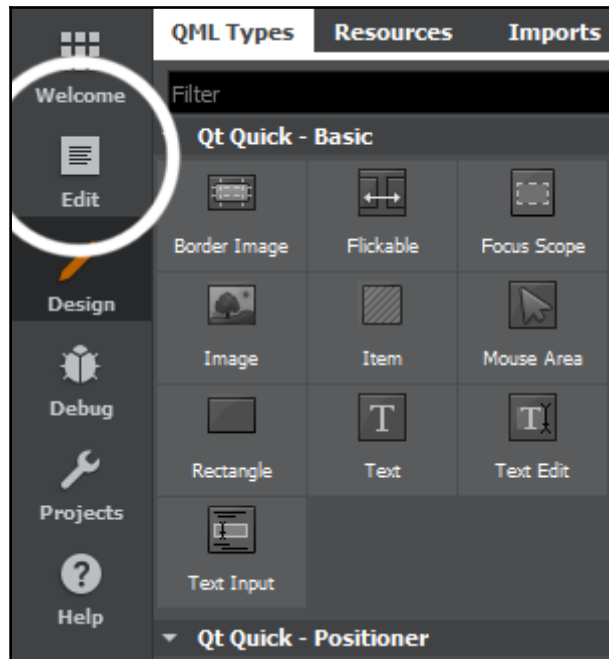


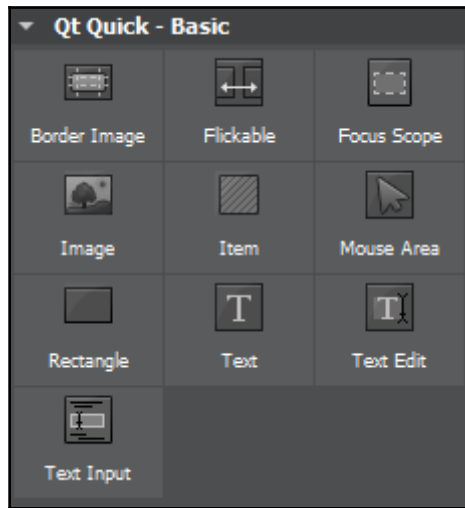


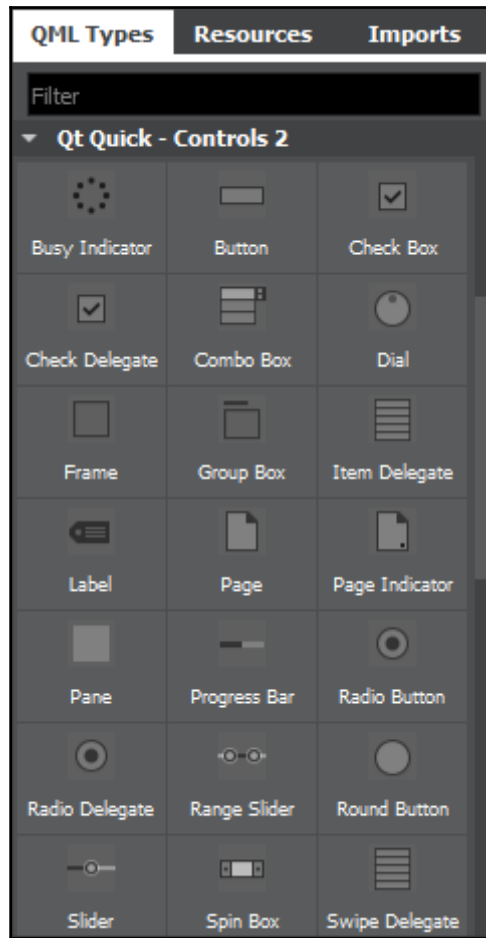
Chapter 14: Qt Quick and QML

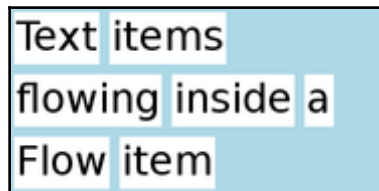
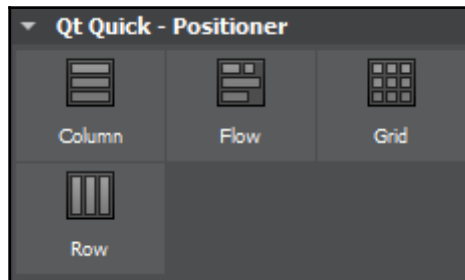
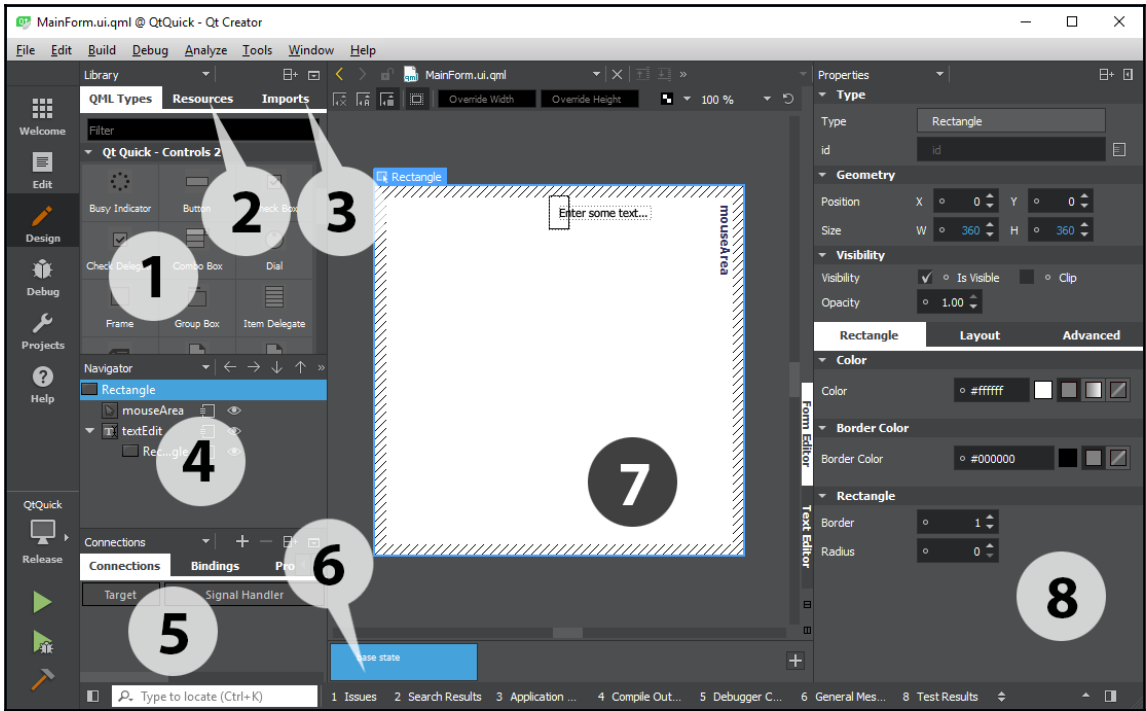












Define Project Details

Location

Build System

Minimal required Qt version: Qt 5.10 ▾

→ Details Use Qt Virtual Keyboard

Kits

Summary

< Back Next > Cancel

MainForm.ui.qml .autosave

MainForm.ui.qml

QtQuick.pro.user

main.qml

main.cpp

qml.qrc

QtQuick.pro

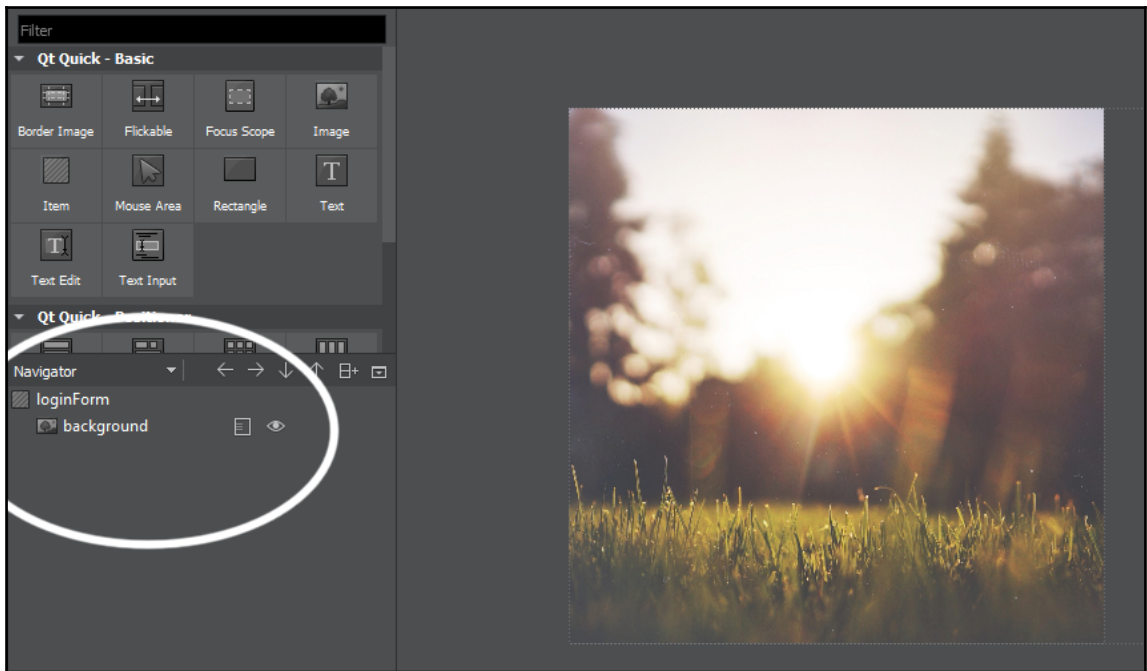
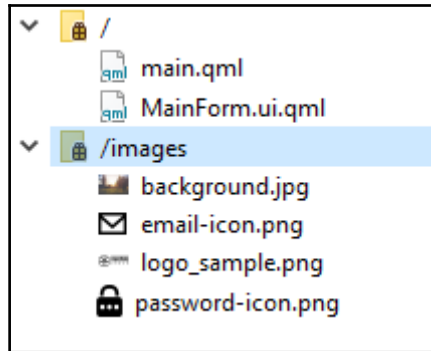
logo_sample.png

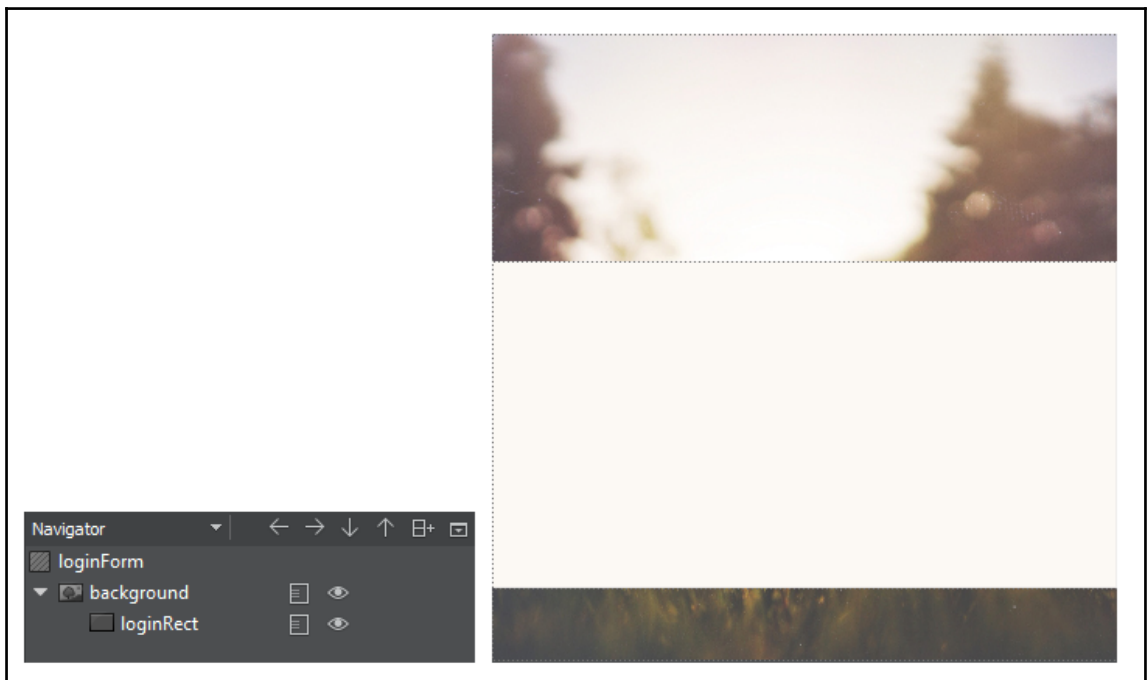
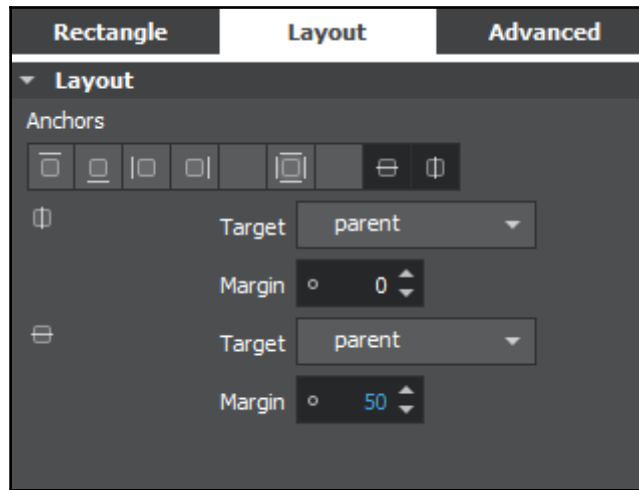
background.jpg

password-icon.png

email-icon.png

Builds







emailRect

Layout

Anchors

|□ Target: parent

Margin: 25

□| Target: parent

Margin: 25

⊖ Target: parent

Margin: -55

This screenshot shows the layout configuration for the 'emailRect' component. It features three anchors: a top anchor with a margin of 25, a right anchor with a margin of 25, and a bottom anchor with a margin of -55. All targets are set to 'parent'.

passwordRect

Layout

Anchors

|□ Target: parent

Margin: 25

□| Target: parent

Margin: 25

⊖ Target: parent

Margin: -18

This screenshot shows the layout configuration for the 'passwordRect' component. It features three anchors: a top anchor with a margin of 25, a right anchor with a margin of 25, and a bottom anchor with a margin of -18. All targets are set to 'parent'.

loginButton

Layout

Anchors

|□ Target: parent

Margin: 25

□| Target: parent

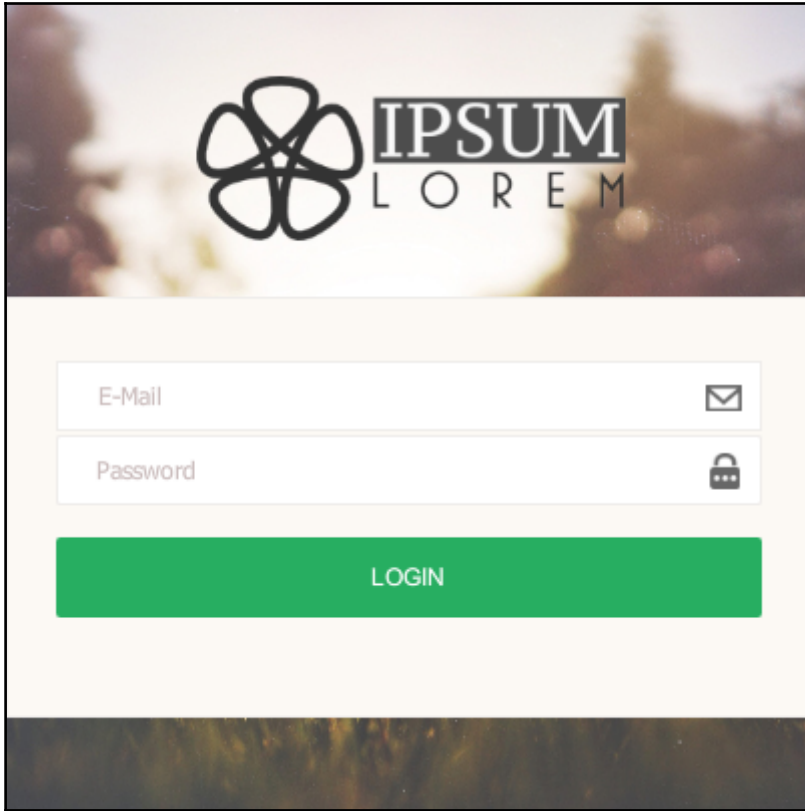
Margin: 25

⊖ Target: parent

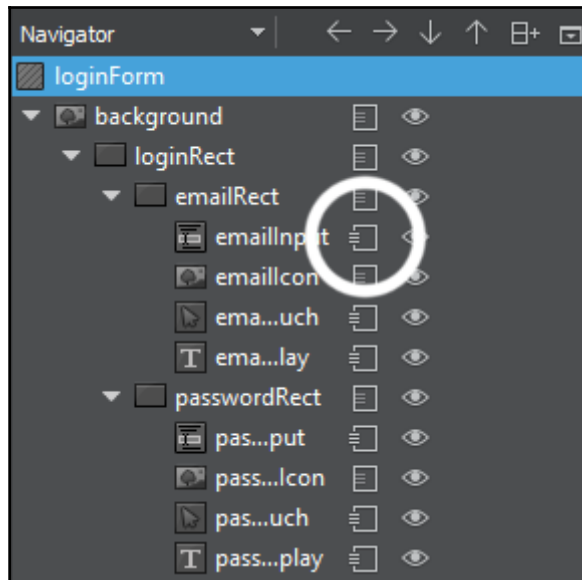
Margin: 35

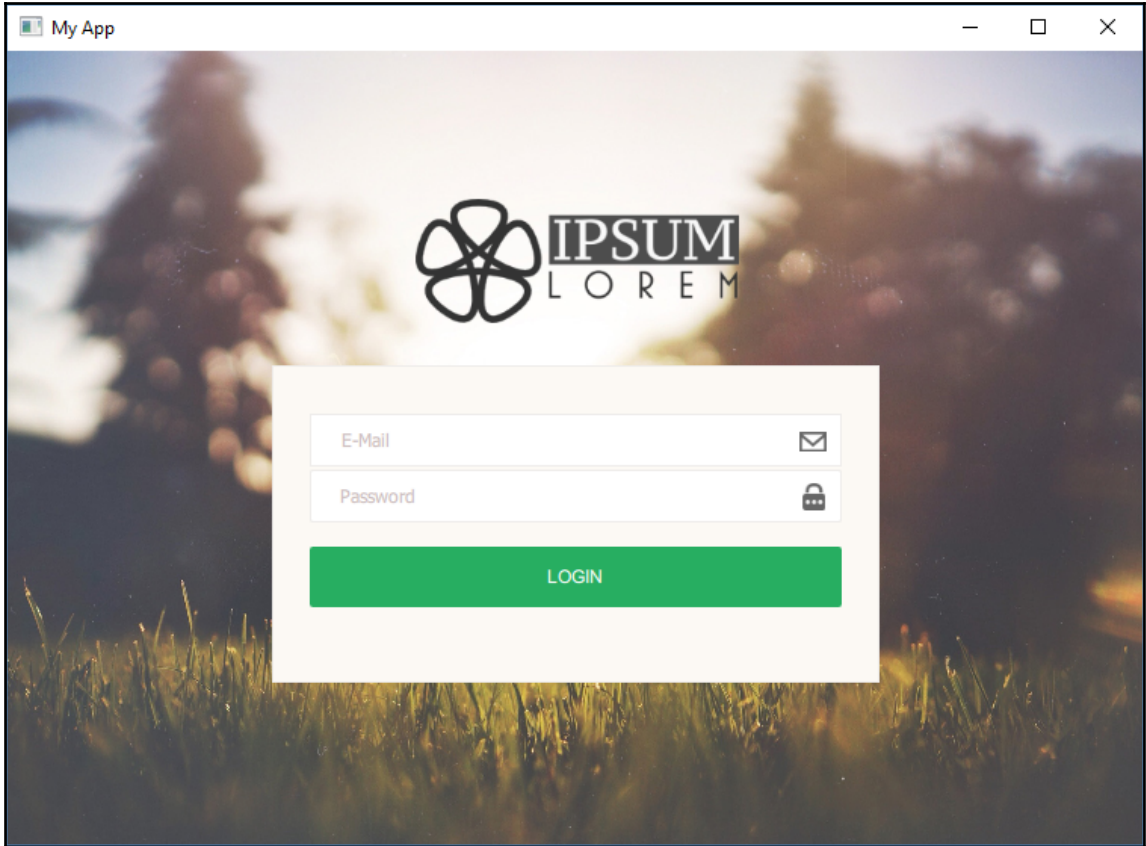
This screenshot shows the layout configuration for the 'loginButton' component. It features three anchors: a top anchor with a margin of 25, a right anchor with a margin of 25, and a bottom anchor with a margin of 35. All targets are set to 'parent'.



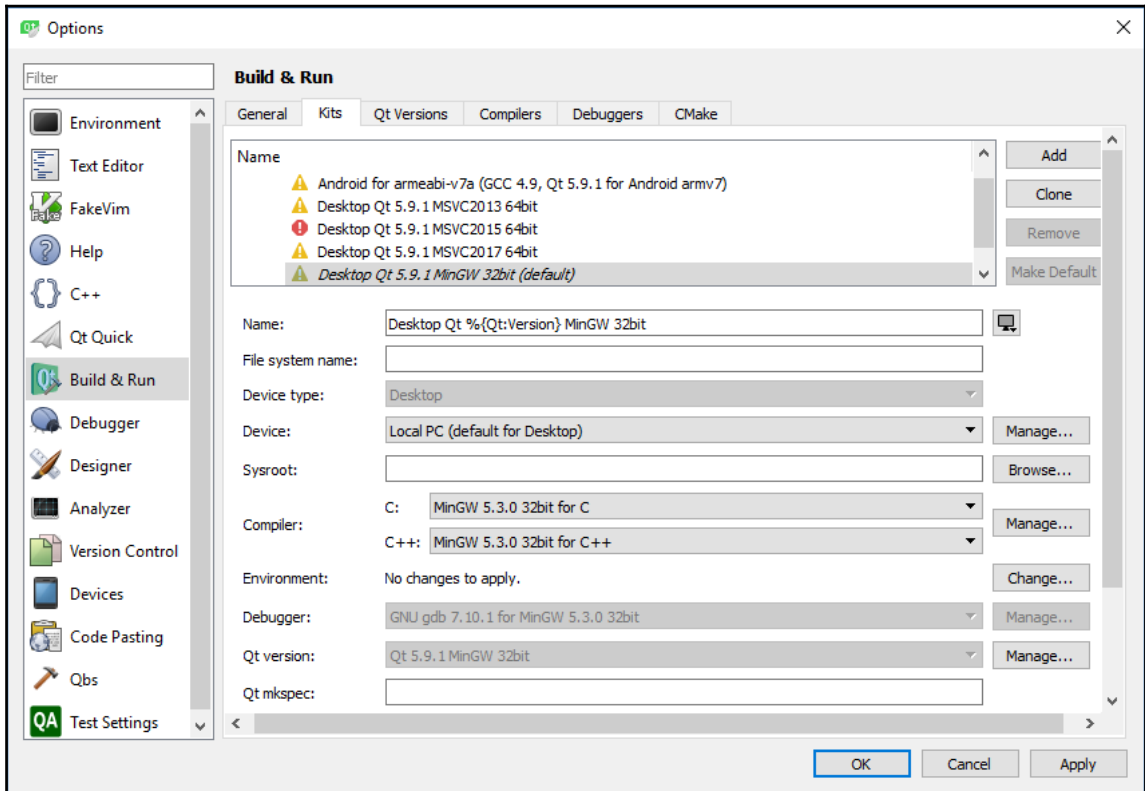


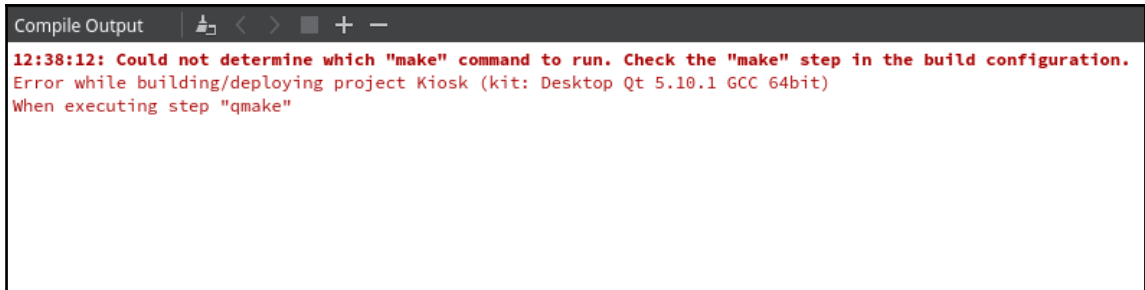
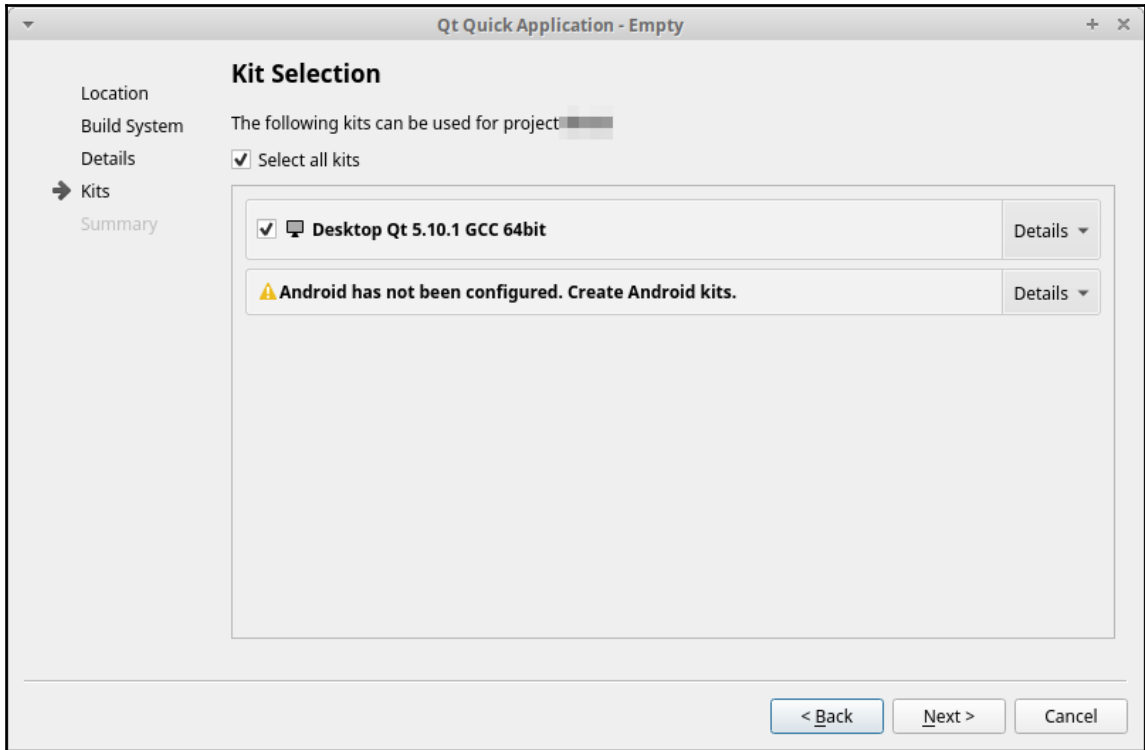
The image shows a login form with a header section. The header features a logo consisting of a stylized black flower-like shape to the left of the text "IPSUM" in a bold, black, sans-serif font, with "LOREM" in a smaller, spaced-out font below it. The background of the header is a blurred image of trees. Below the header is a light beige background containing two input fields. The first field is labeled "E-Mail" and has an envelope icon on the right. The second field is labeled "Password" and has a padlock icon on the right. Below these fields is a prominent green button with the text "LOGIN" in white, uppercase letters. The bottom of the form is a dark, blurred image of trees.

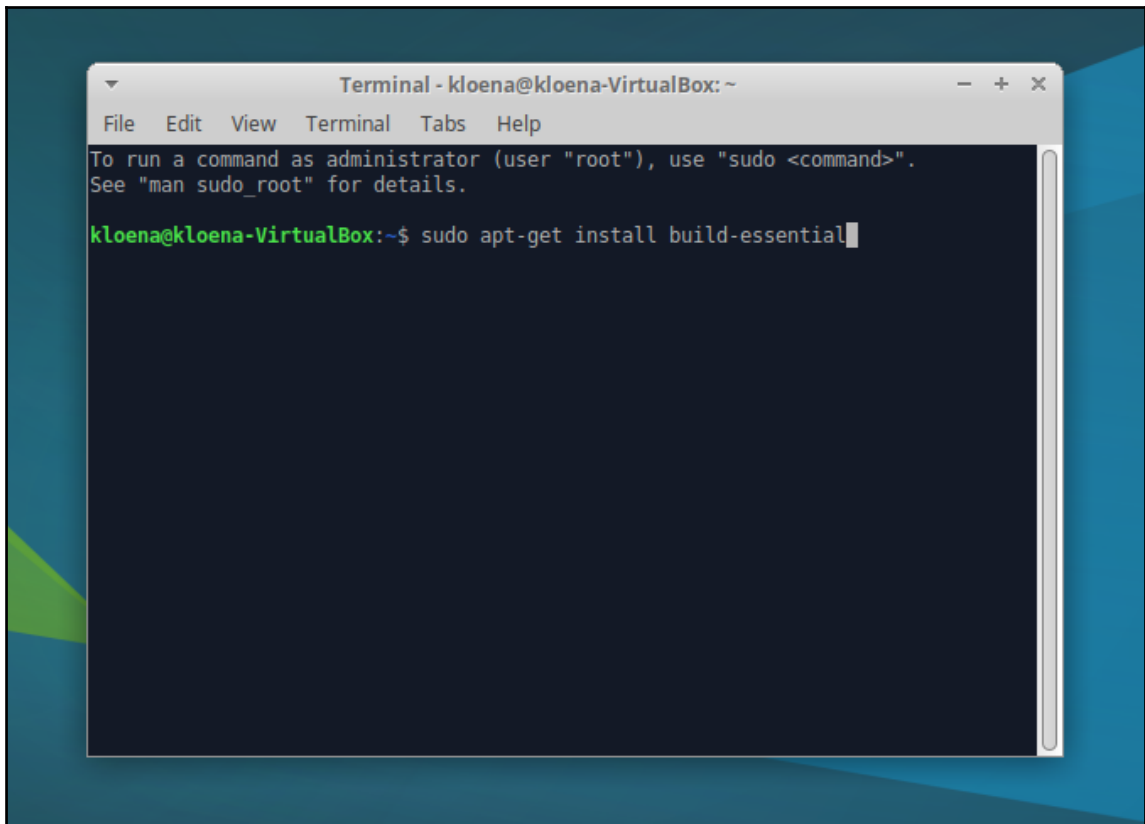


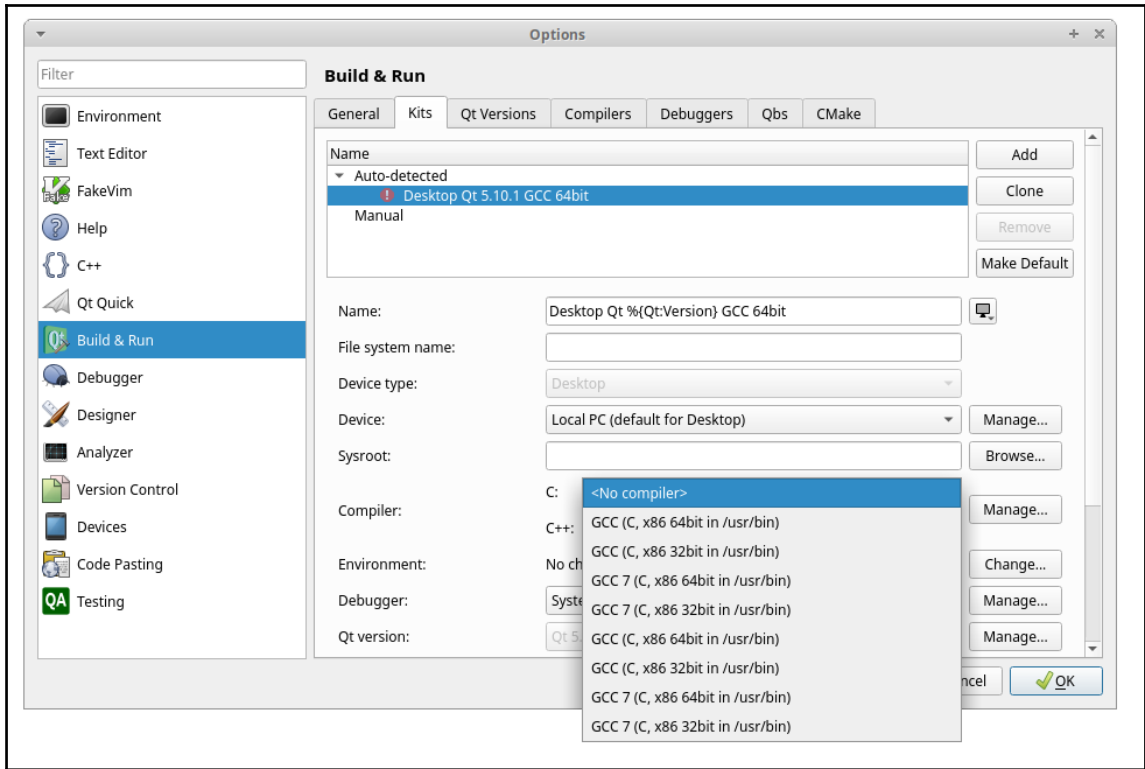


Chapter 15: Cross-Platform Development





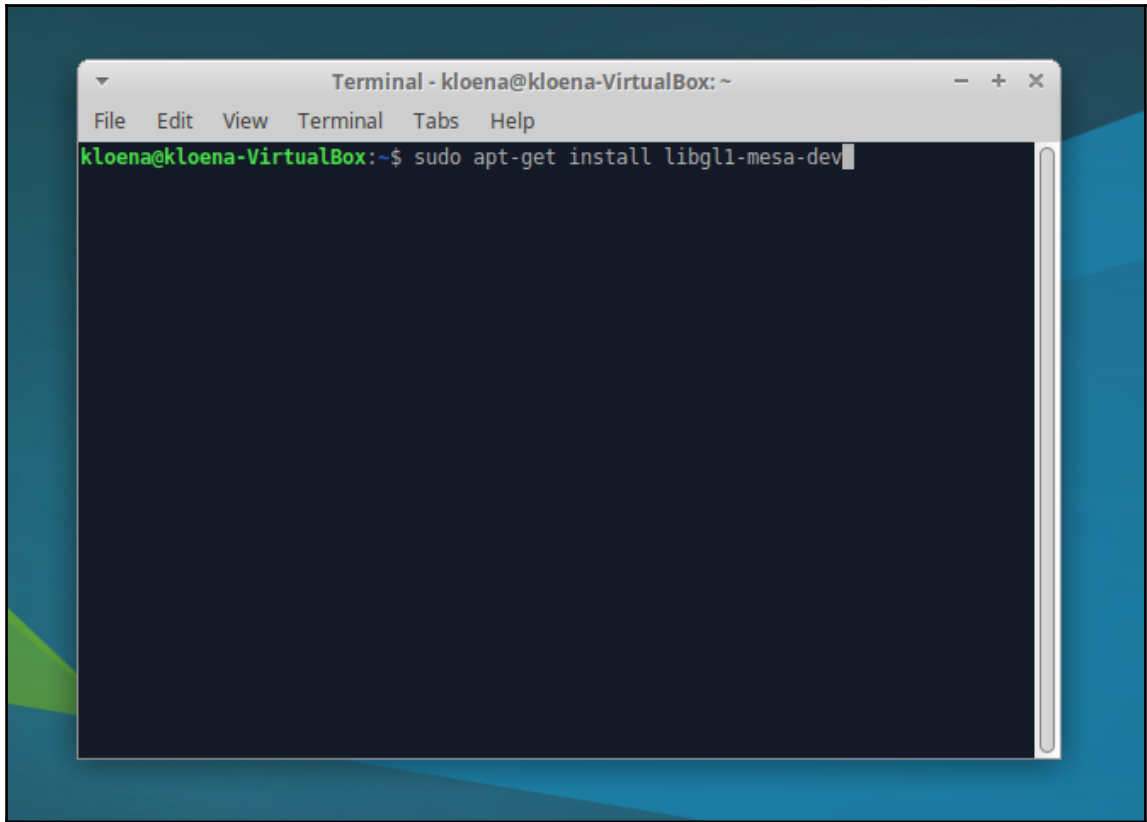


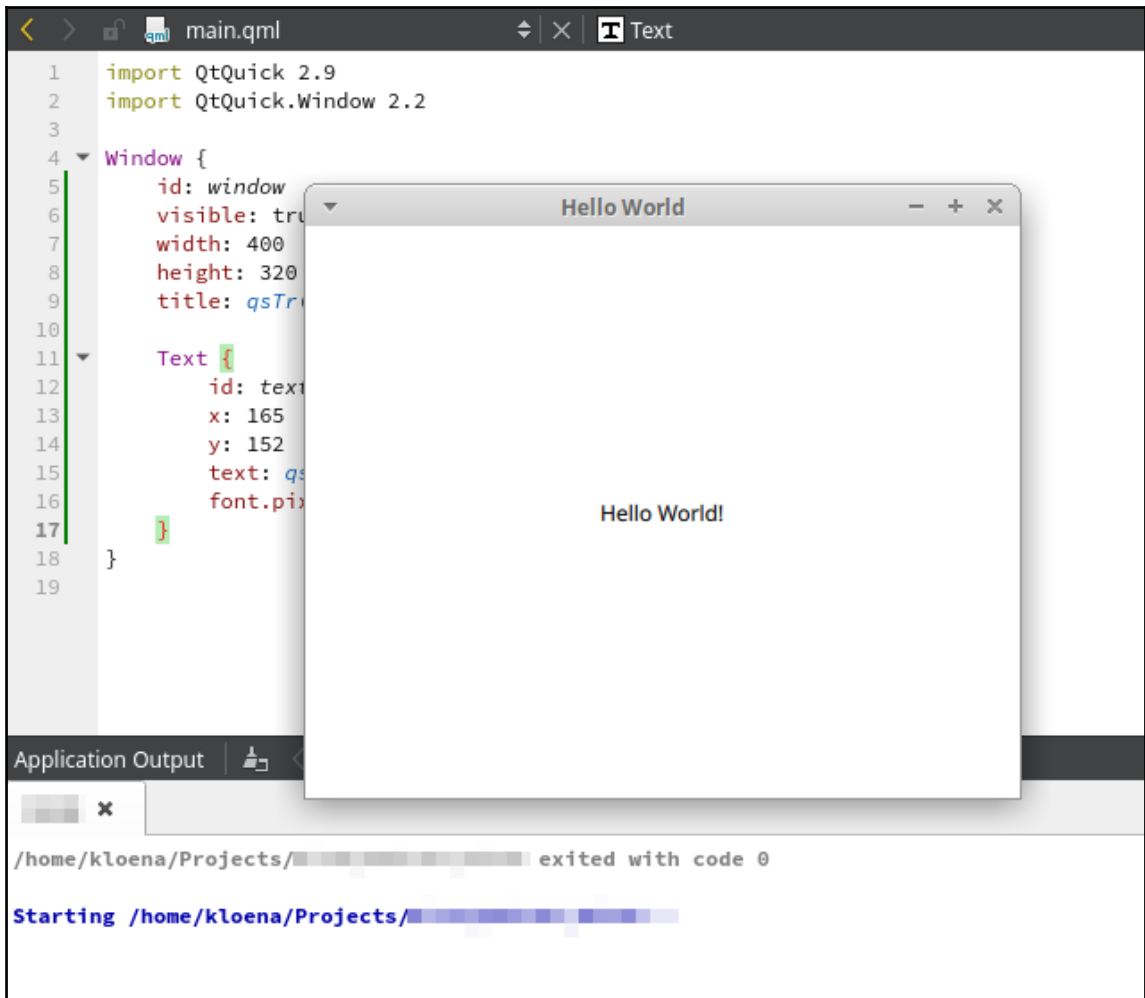


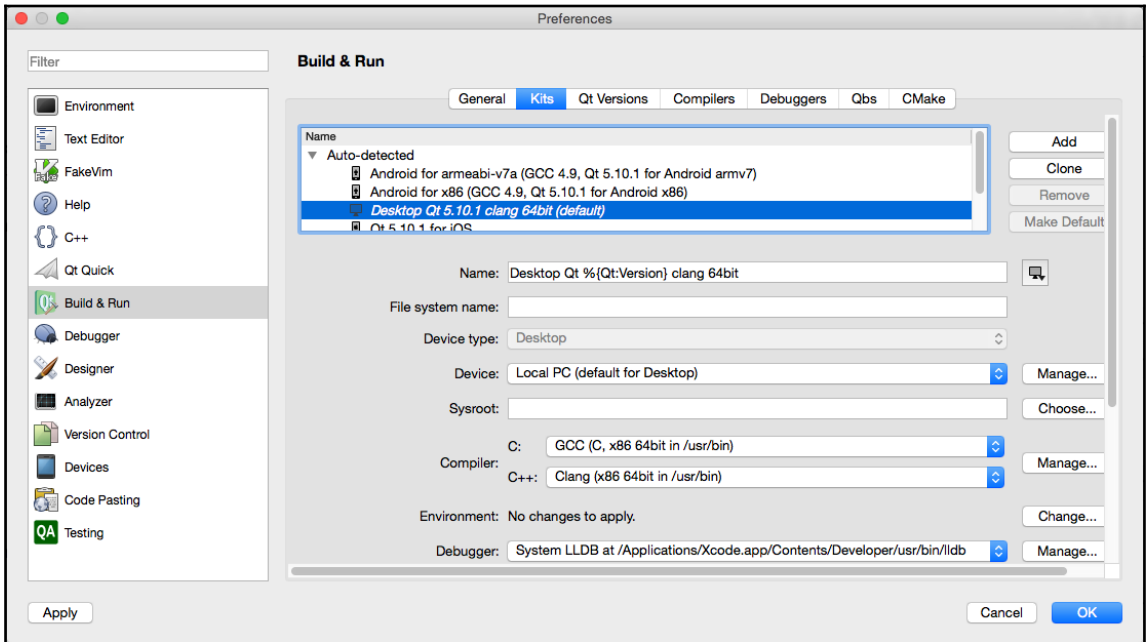
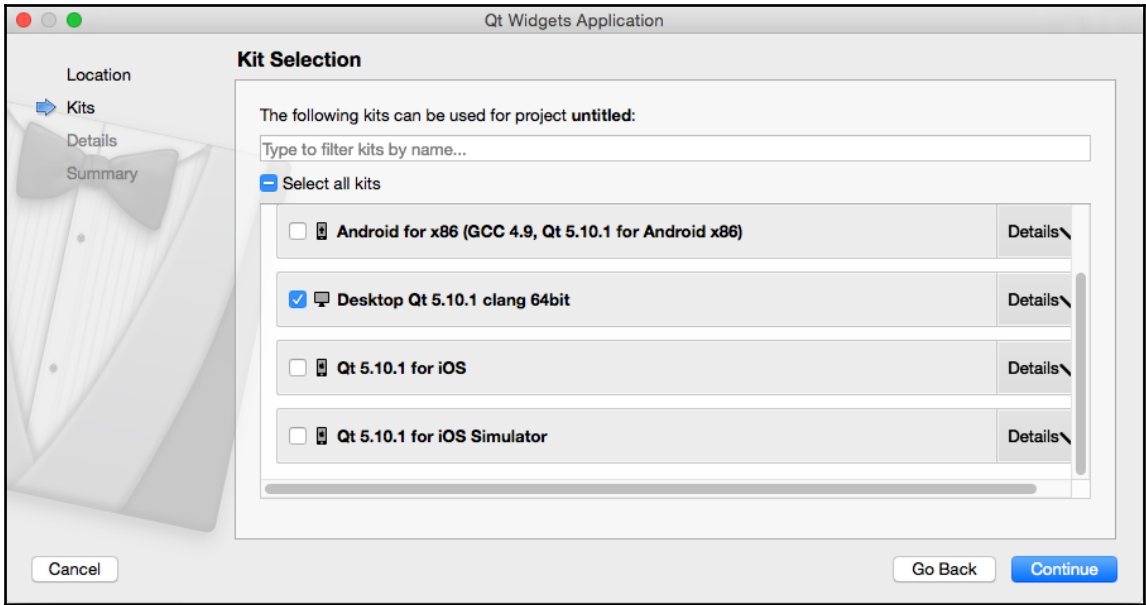
```

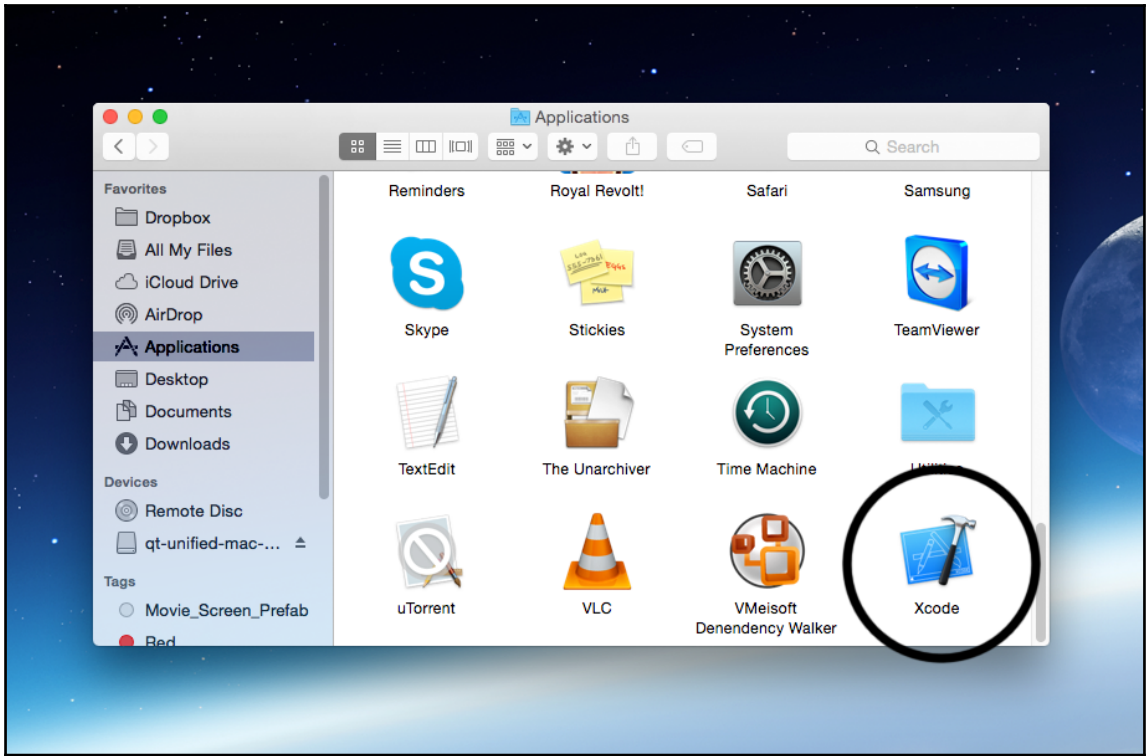
Compile Output | [Icons]
DQT_NETWORK_LIB -DQT_CORE_LIB -I../Kiosk -I. -I../Qt/5.10.1/gcc_64/includ
5.10.1/gcc_64/include/QtGui -I../Qt/5.10.1/gcc_64/include/QtQml -I../Q
gcc_64/include/QtCore -I. -isystem /usr/include/libdrm -I../Qt/5.10.1/gcc_64
g++ -Wl,-O1 -Wl,-rpath,/home/kloena/Qt/5.10.1/gcc_64/lib -o Kiosk main.o qrc_qml.o
lQt5Qml -lQt5Network -lQt5Core -lGL -lpthread
/usr/bin/ld: cannot find -lGL
collect2: error: ld returned 1 exit status
Makefile:246: recipe for target 'Kiosk' failed
make: *** [Kiosk] Error 1
13:06:34: The process "/usr/bin/make" exited with code 2.
Error while building/deploying project Kiosk (kit: Desktop Qt 5.10.1 GCC 64bit)
When executing step "Make"
13:06:34: Elapsed time: 00:06.

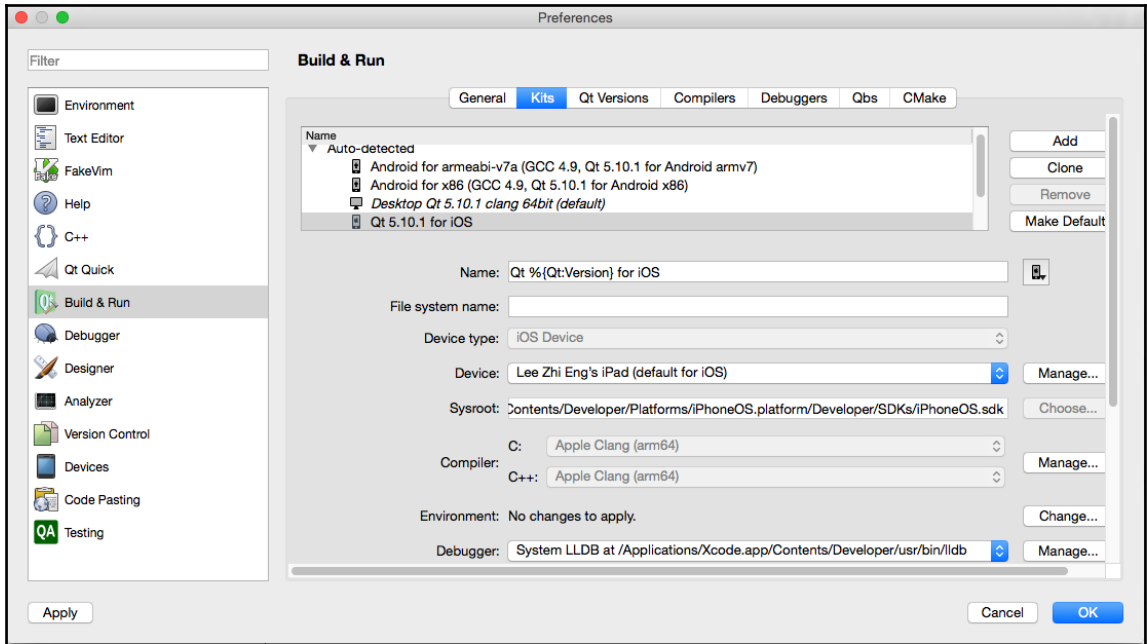
```

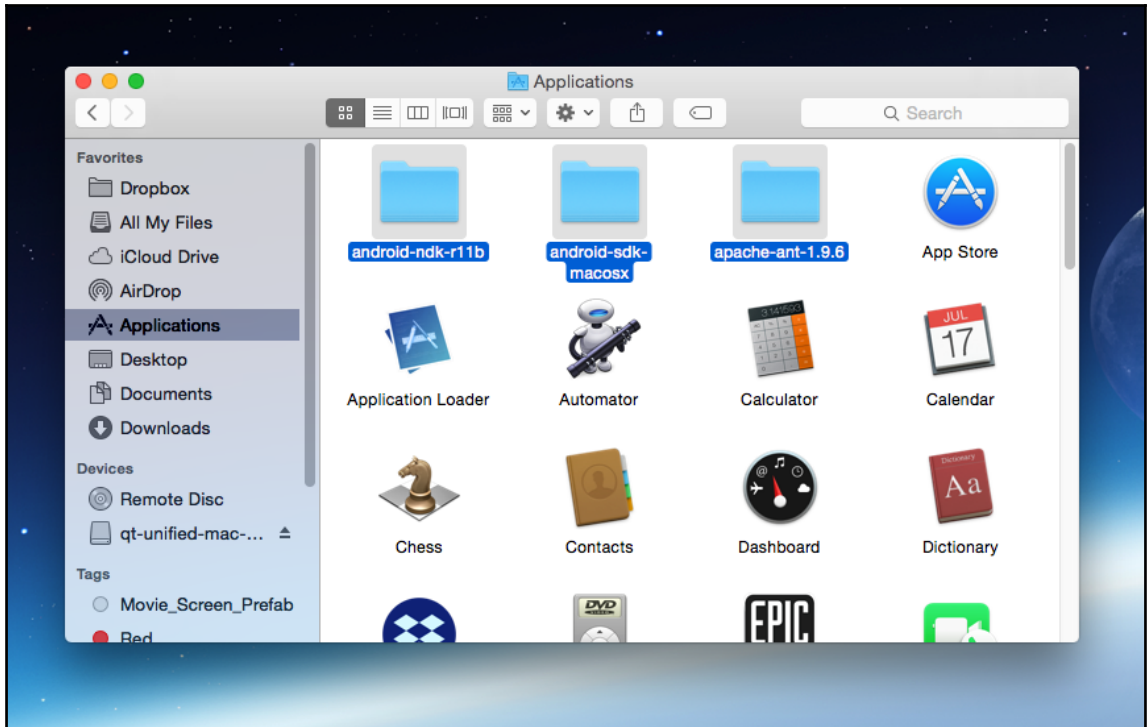


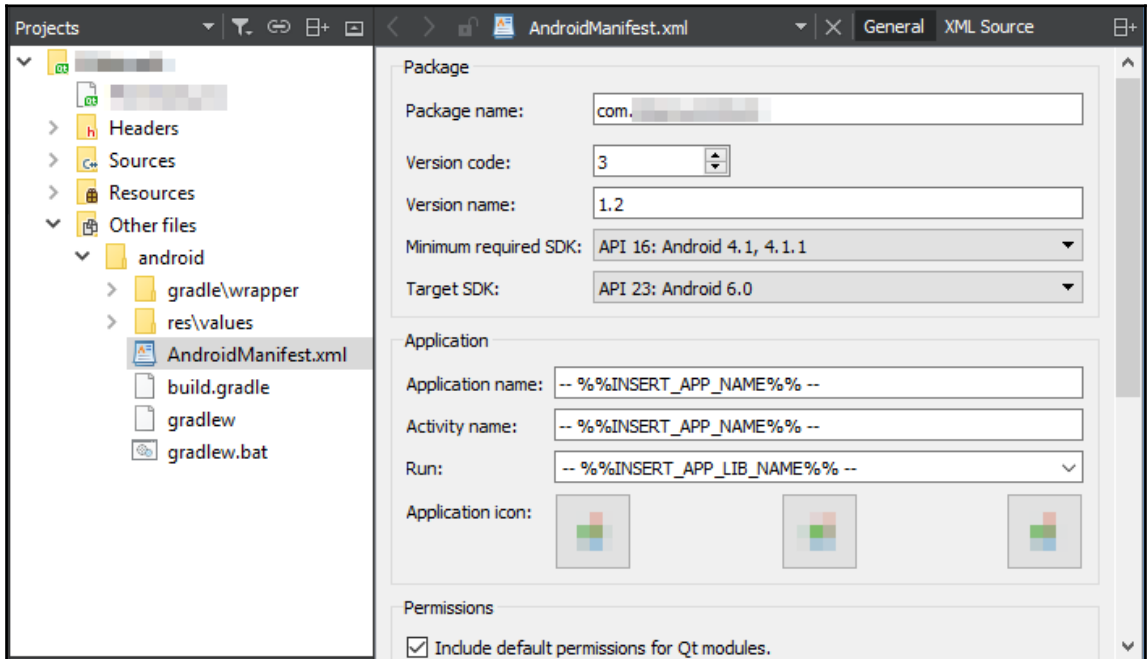
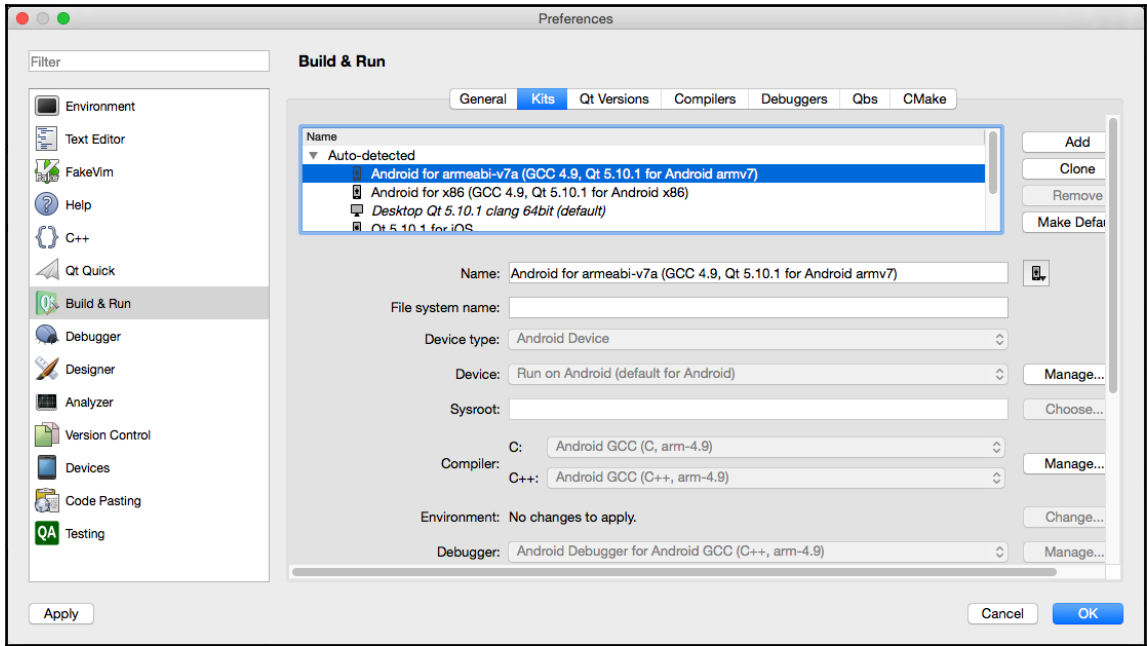




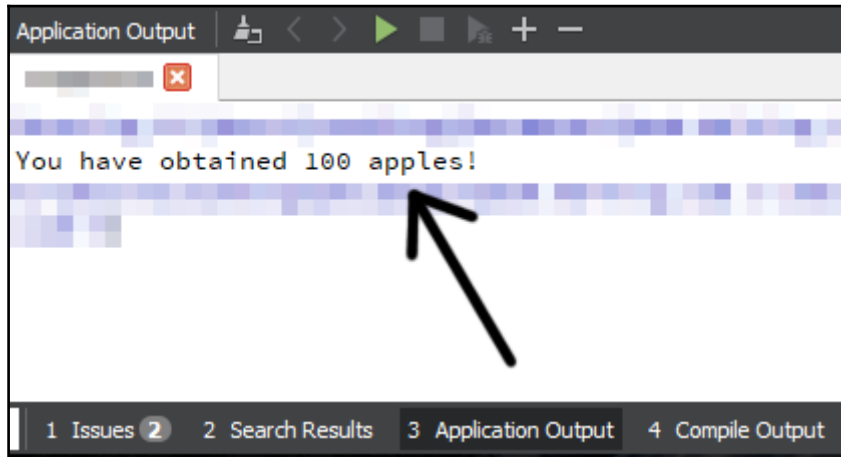








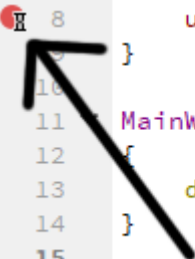
Chapter 16: Testing and Debugging



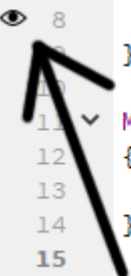
```
1 #include "mainwindow.h"
2 #include <QApplication>
3
4 int main(int argc, char *argv[])
5 {
6     QApplication a(argc, argv);
7     MainWindow w;
8
9
10
11
12
```

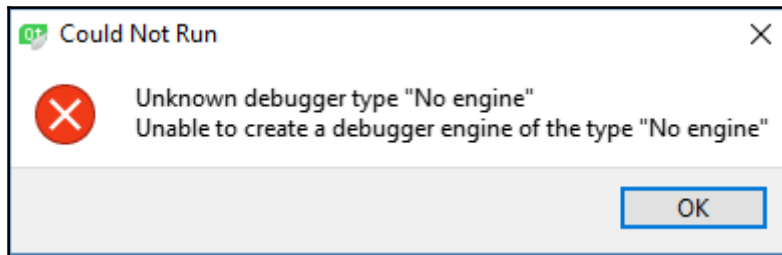
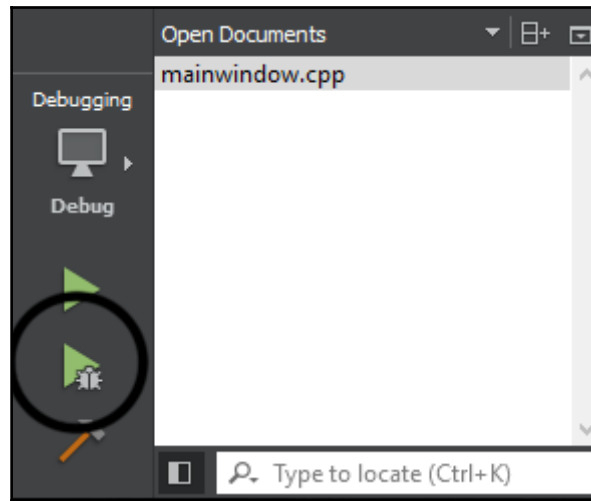
Set Breakpoint at Line 7
Set Message Tracepoint at Line 7...
Toggle Bookmark

```
1  #include "mainwindow.h"
2  #include "ui_mainwindow.h"
3
4  MainWindow::MainWindow(QWidget *parent) :
5      QMainWindow(parent),
6      ui(new Ui::MainWindow)
7  {
8      ui->setupUi(this);
9  }
10
11 MainWindow::~MainWindow()
12 {
13     delete ui;
14 }
15
```



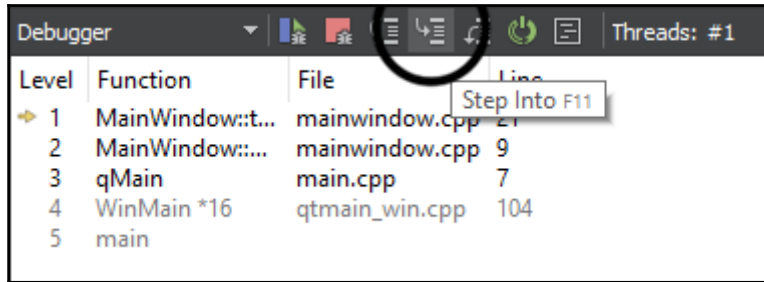
```
1  #include "mainwindow.h"
2  #include "ui_mainwindow.h"
3
4  MainWindow::MainWindow(QWidget *parent) :
5      QMainWindow(parent),
6      ui(new Ui::MainWindow)
7  {
8      ui->setupUi(this);
9  }
10
11 MainWindow::~MainWindow()
12 {
13     delete ui;
14 }
15
```





```
17 void MainWindow::test()
18 {
19     int amount = 100;
20     amount -= 10;
21     qDebug() << "You have obtained" << amount << "apples!";
22 }
23
```

| Name | Value | Type |
|--------|--------------|------------|
| amount | 100 | int |
| > this | "MainWindow" | MainWindow |



| Name | Value | Type |
|--------|--------------|------------|
| amount | 90 | int |
| > this | "MainWindow" | MainWindow |

