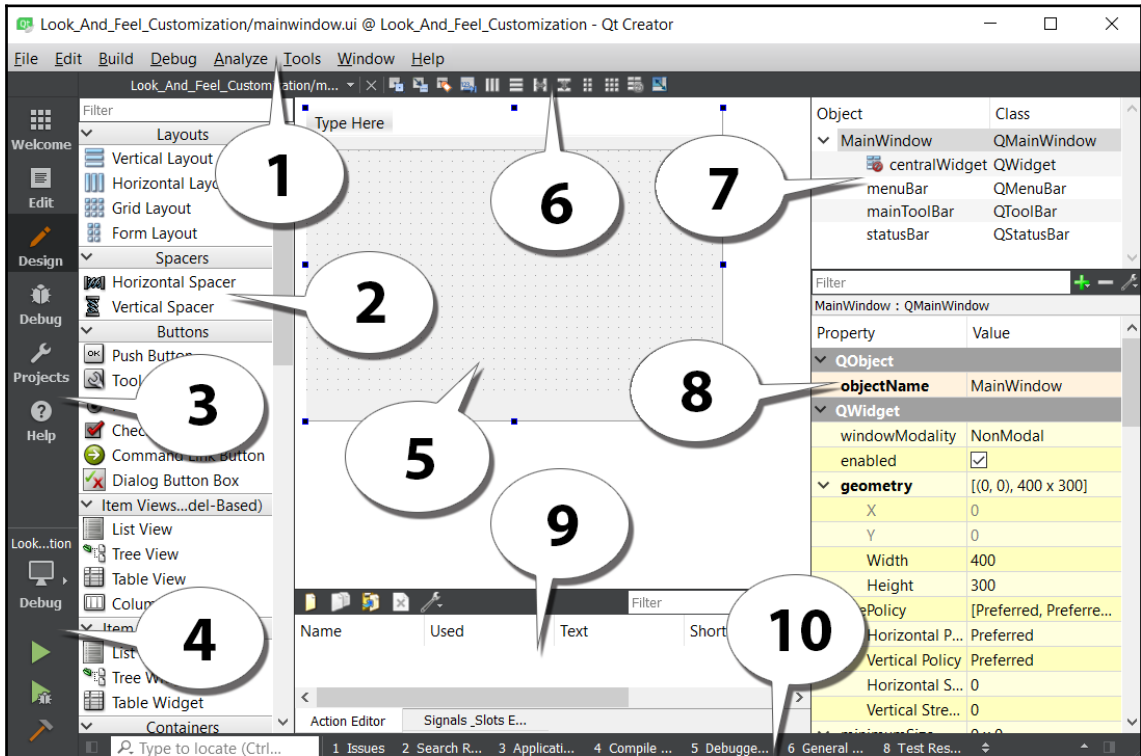
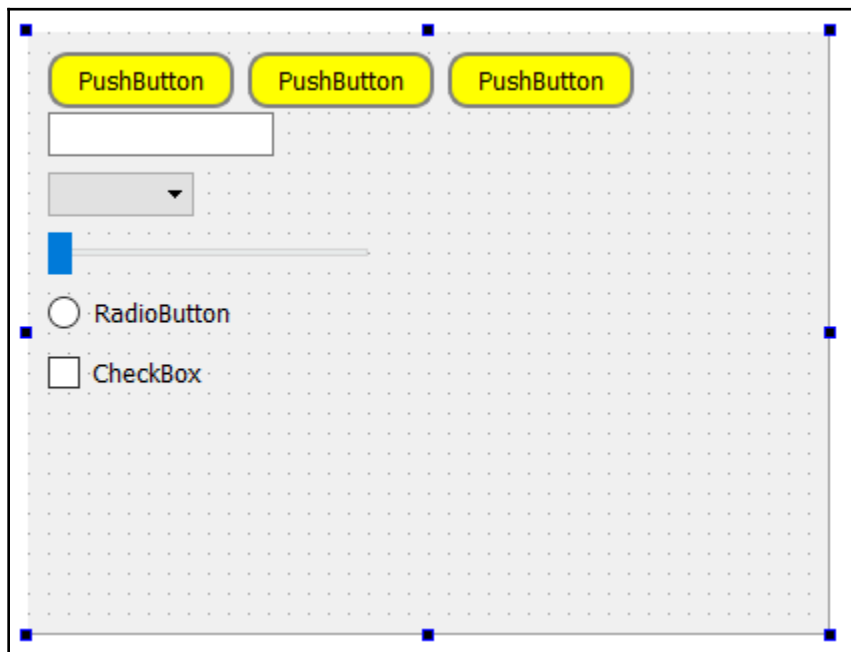
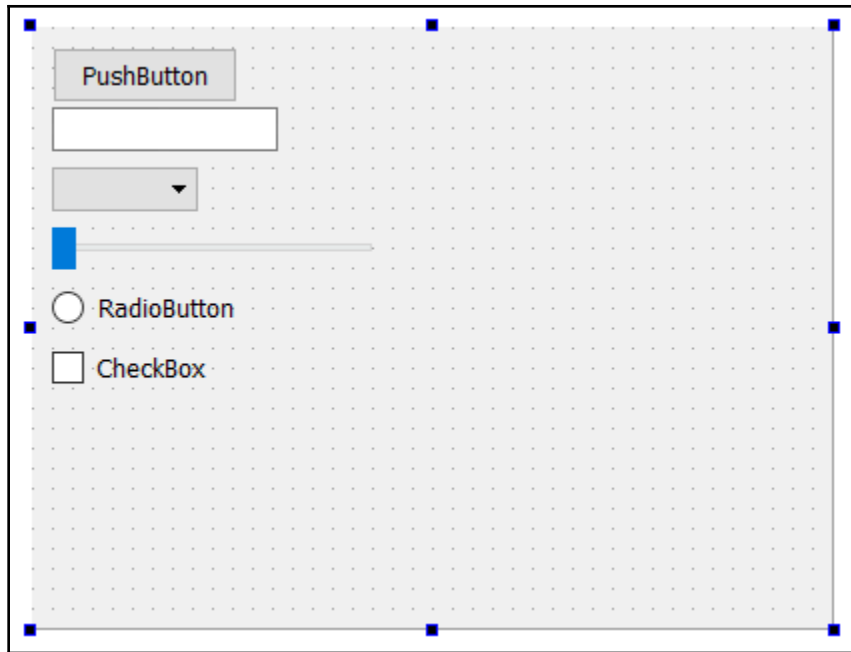
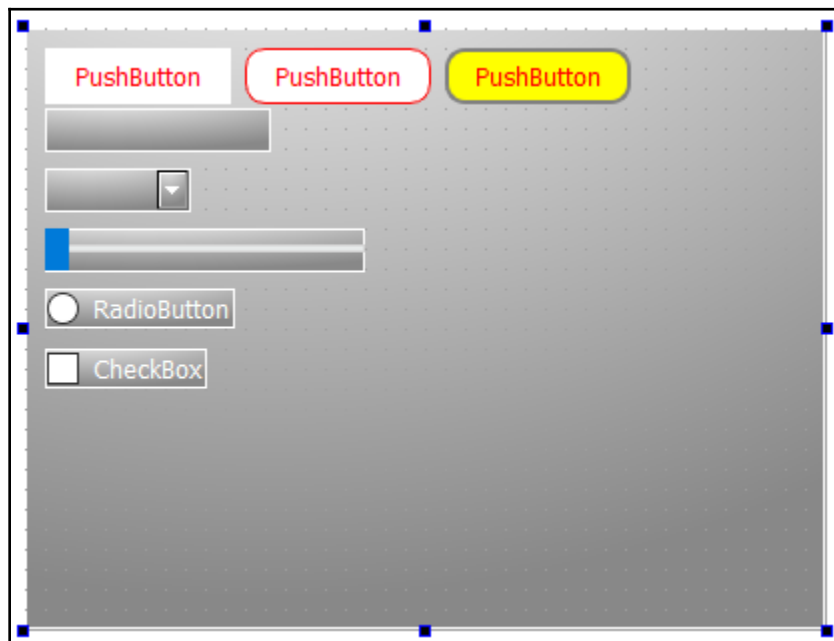
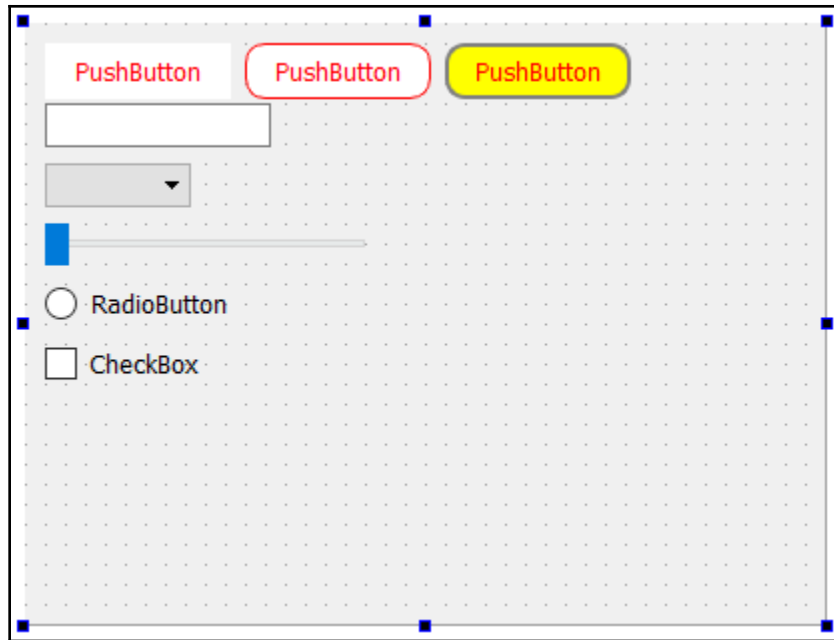


Chapter 1: Look-and-Feel Customization with Qt Designer







Monday, 25-10-2015 3:14 PM



MyOS Logo

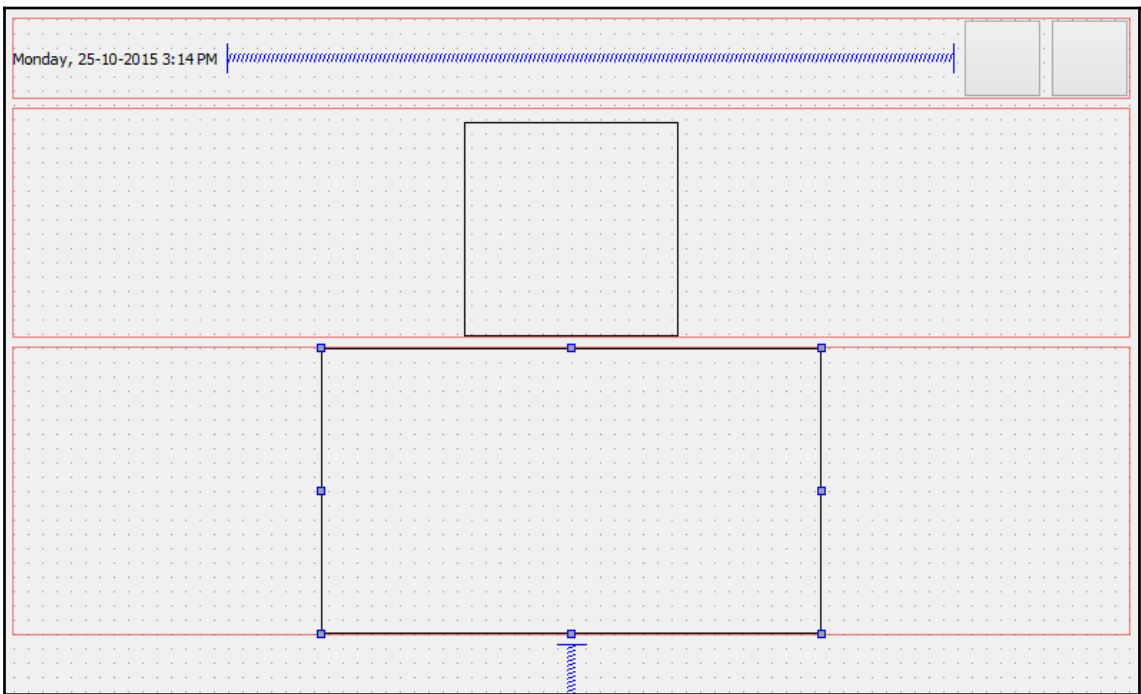
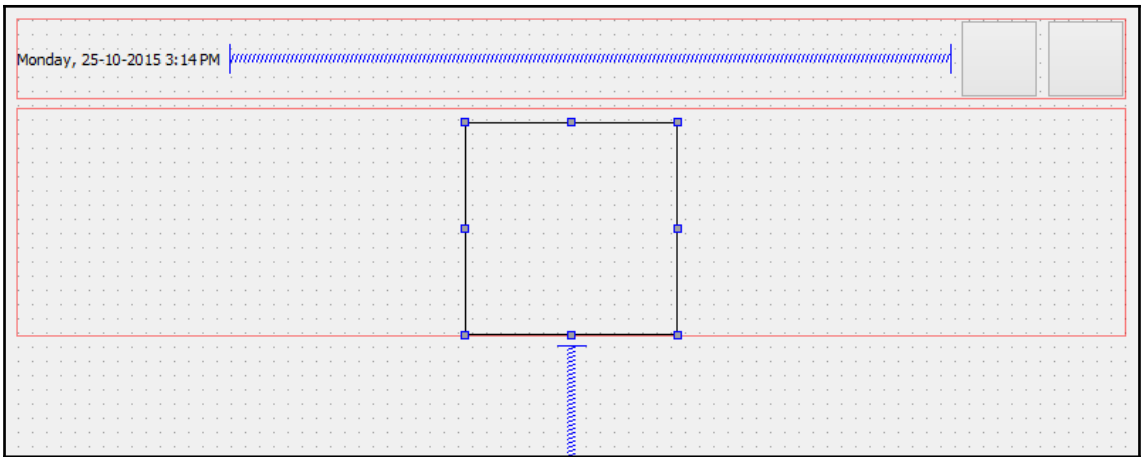
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Password:

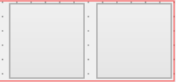
Login

Monday, 25-10-2015 3:14 PM





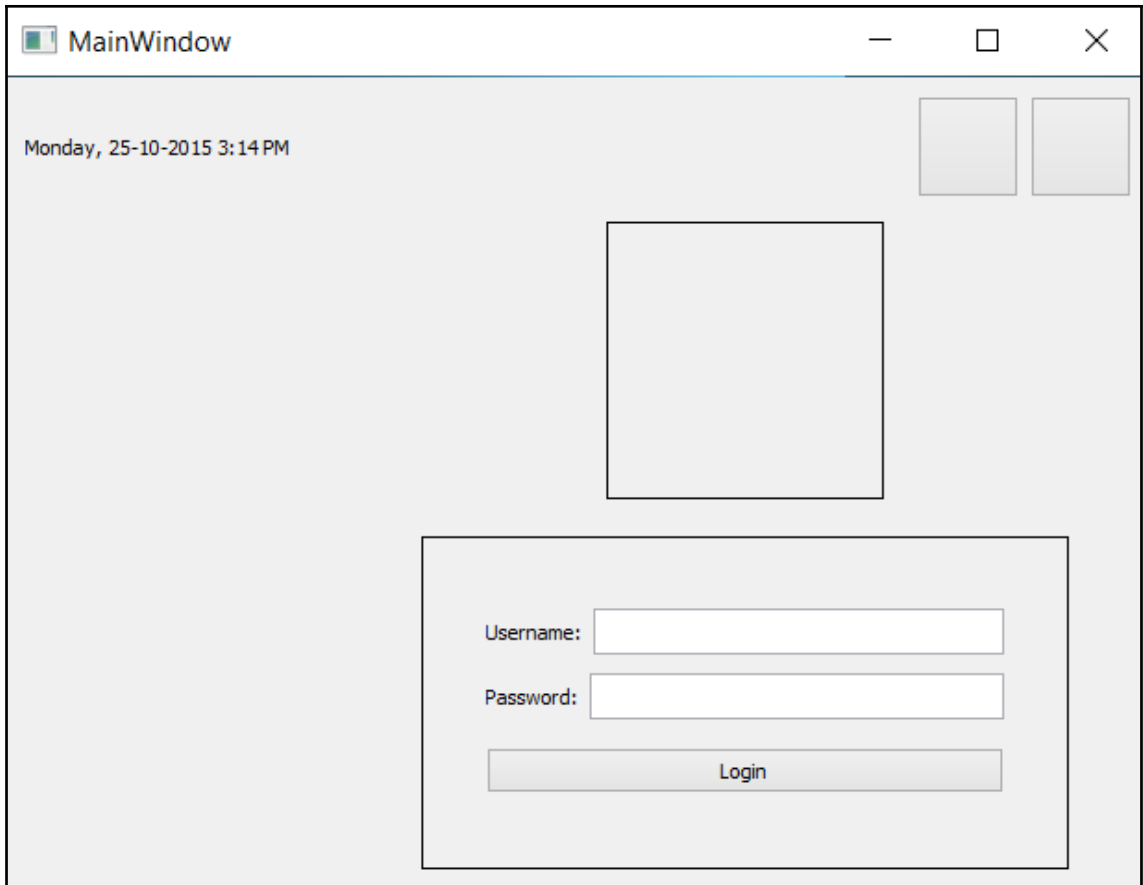
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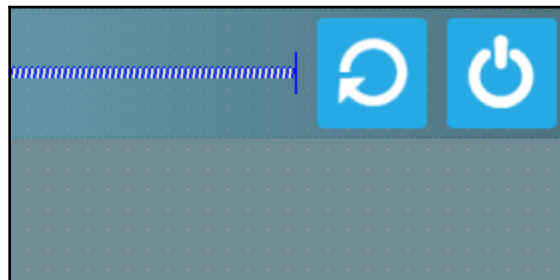
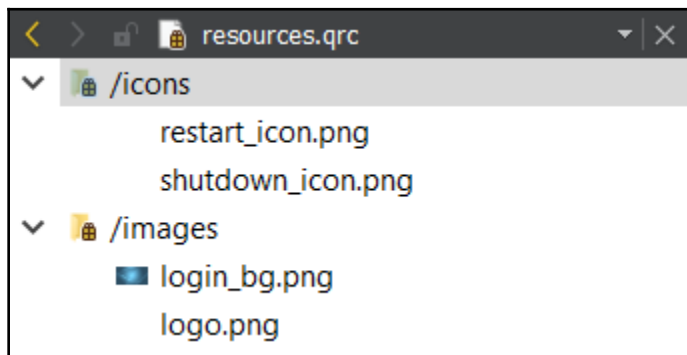
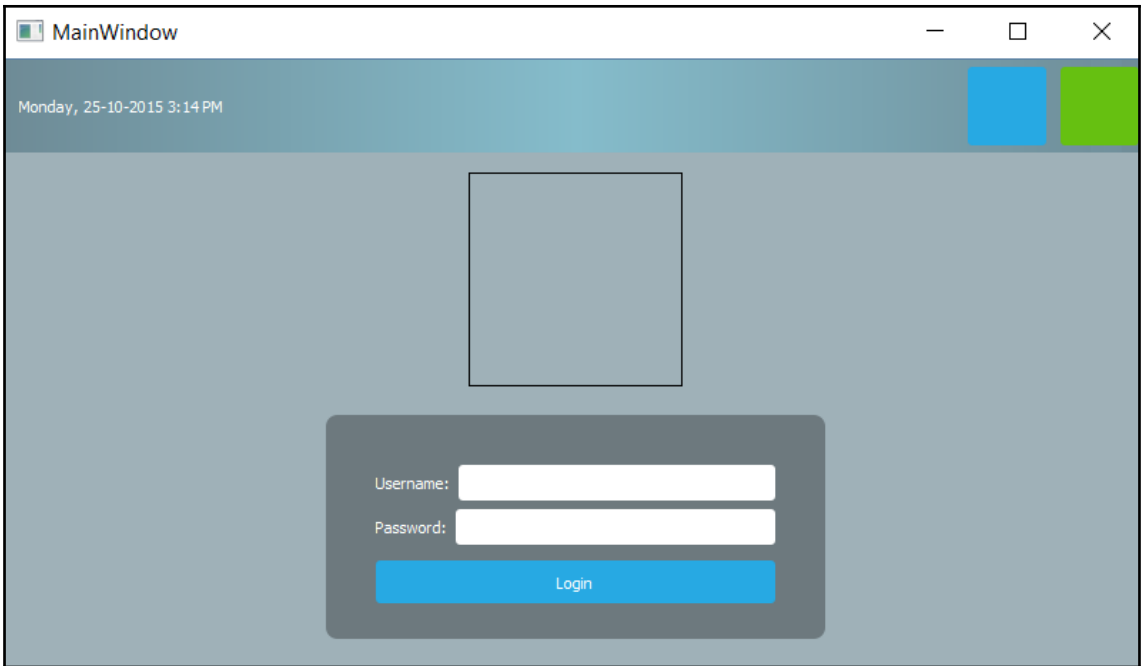


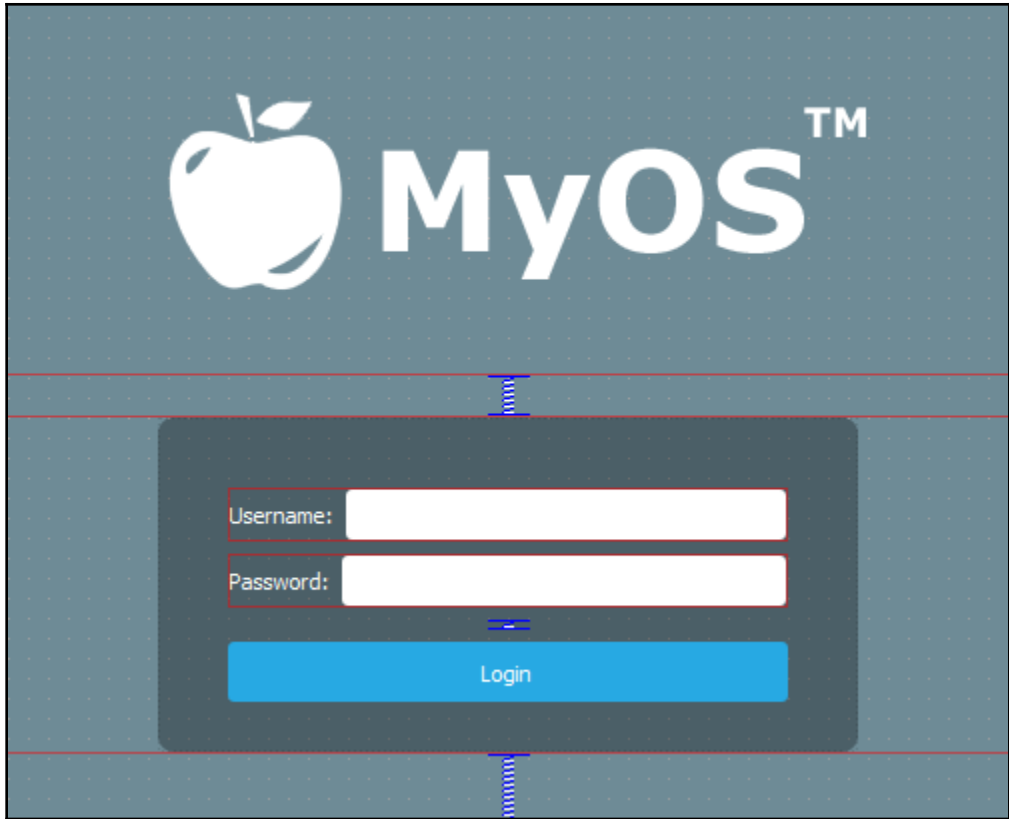
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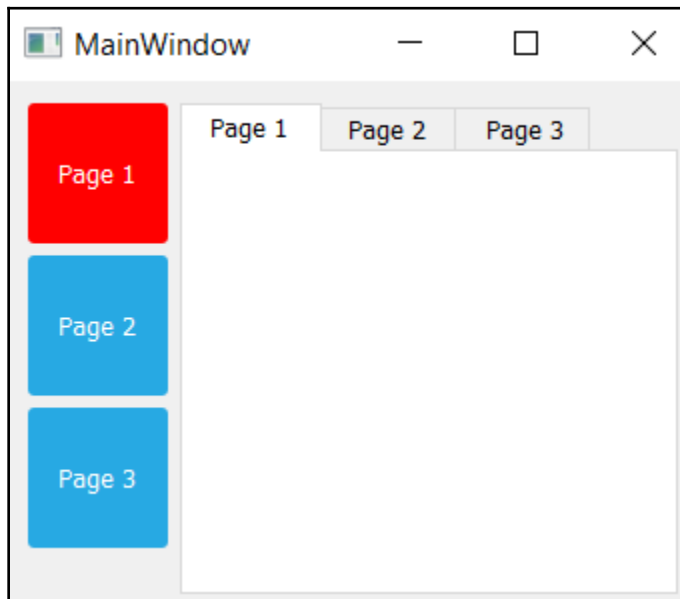
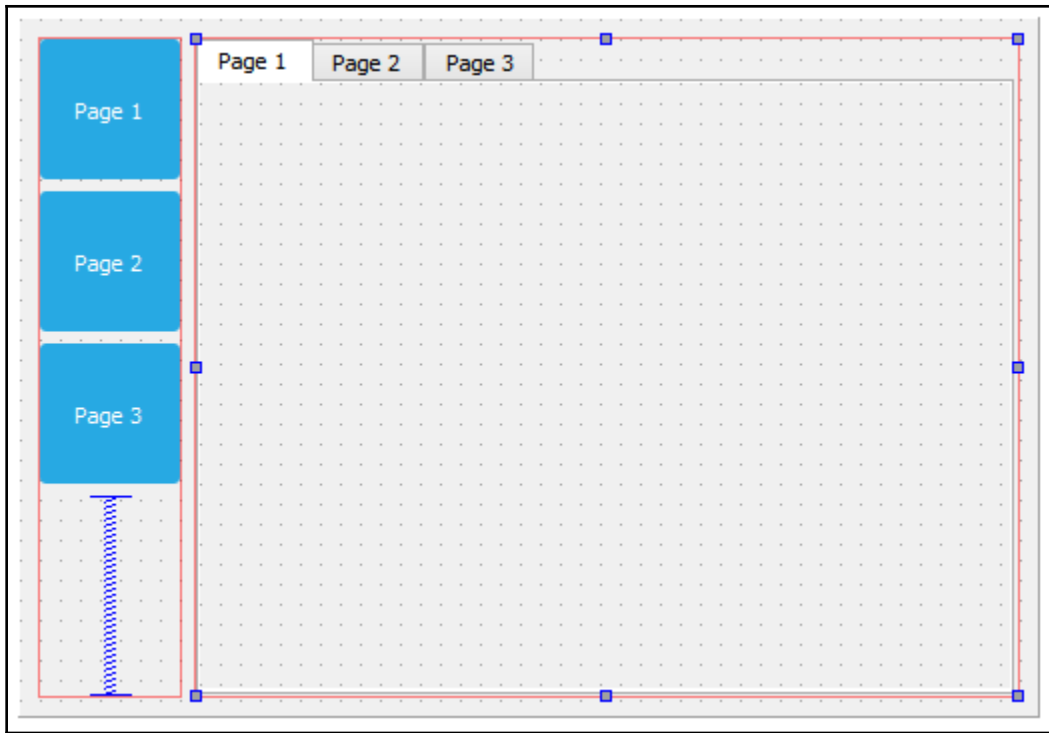

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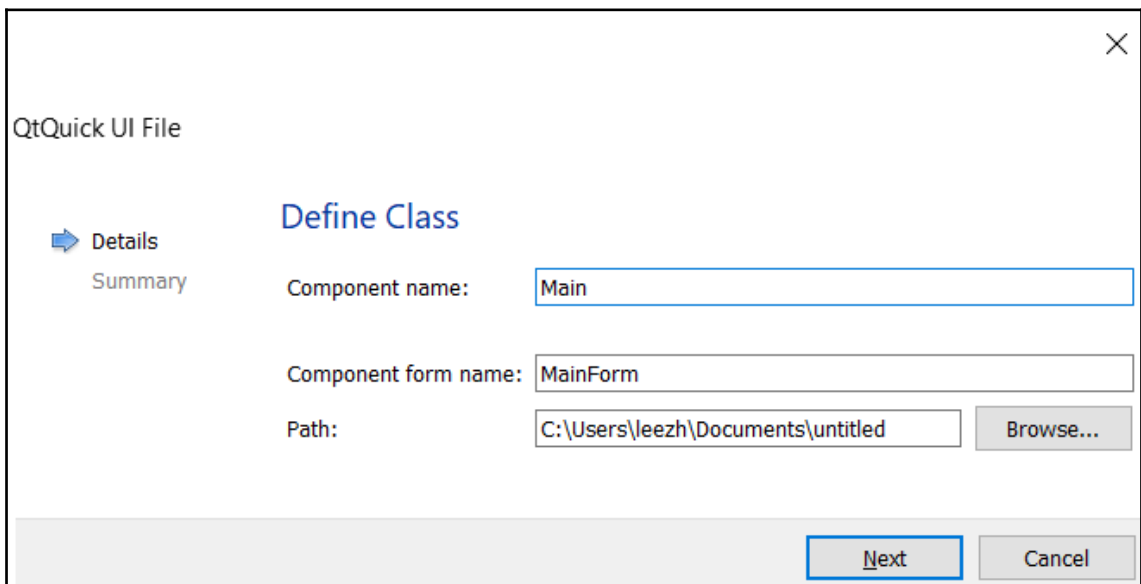
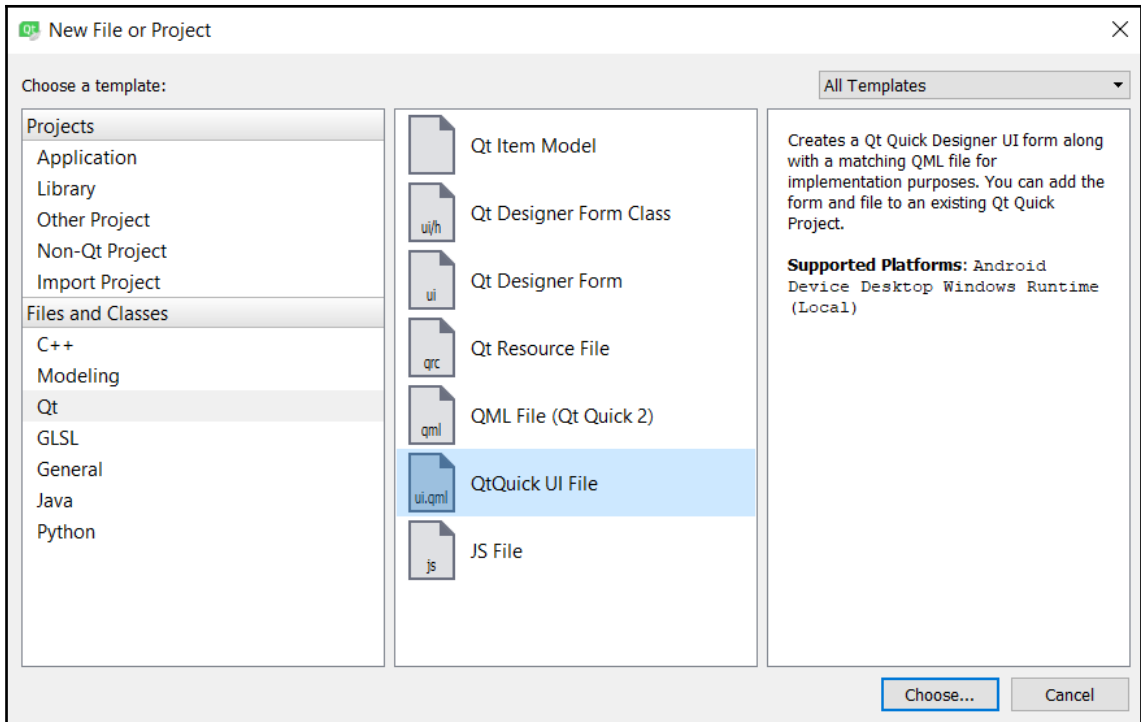


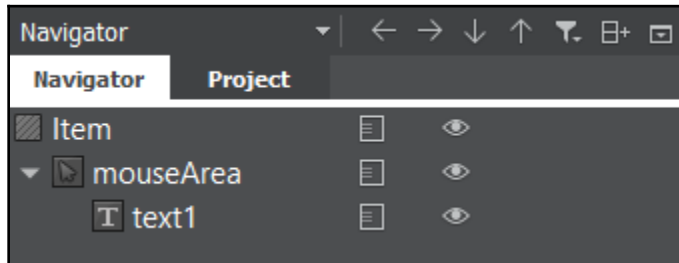
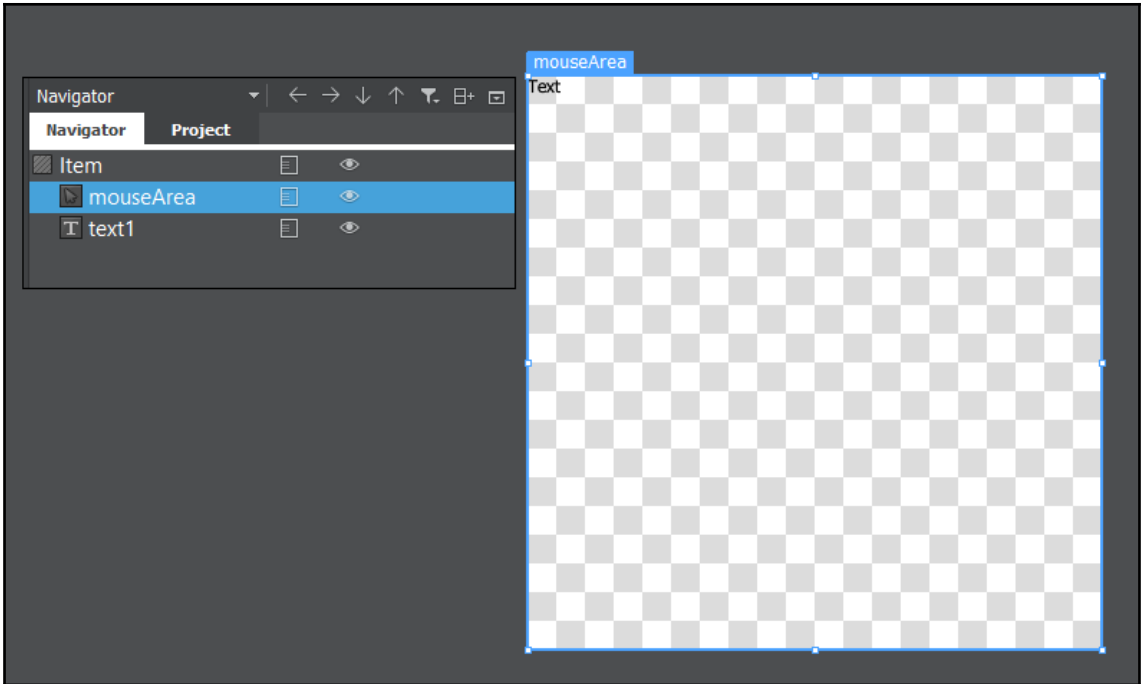


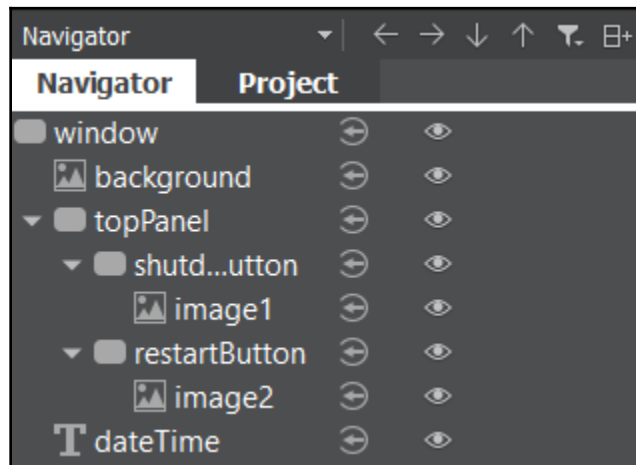
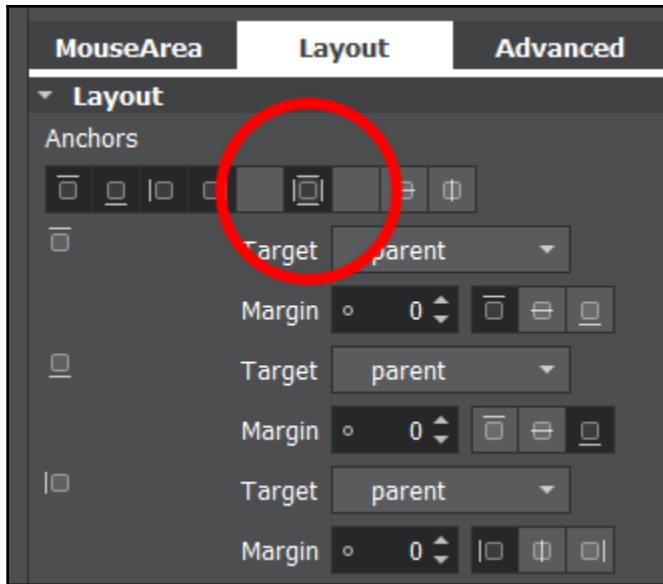


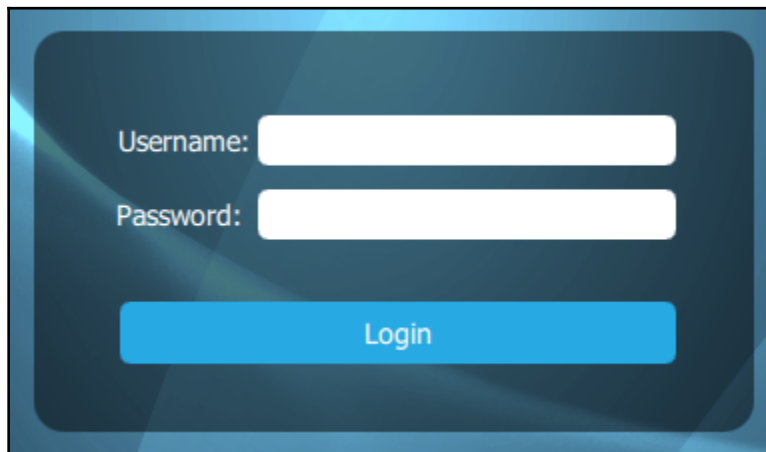
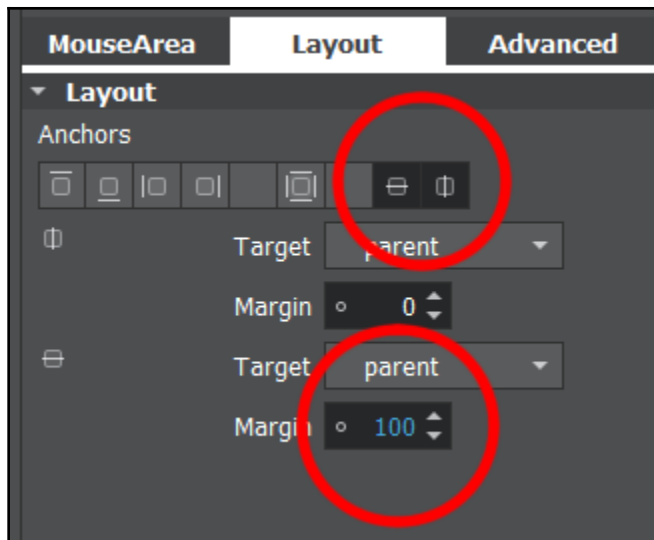




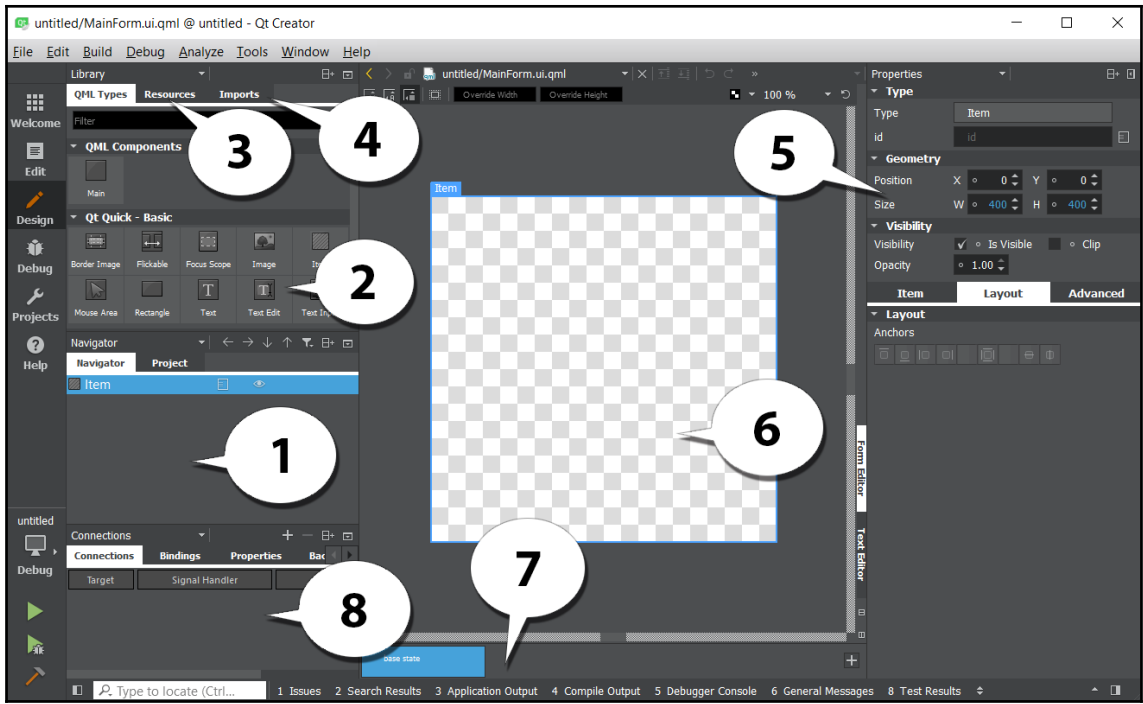




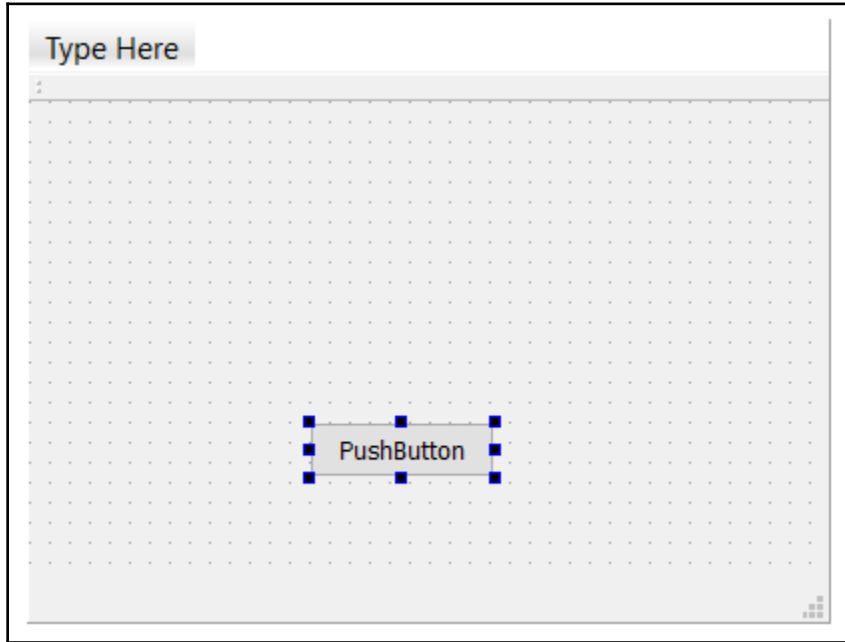


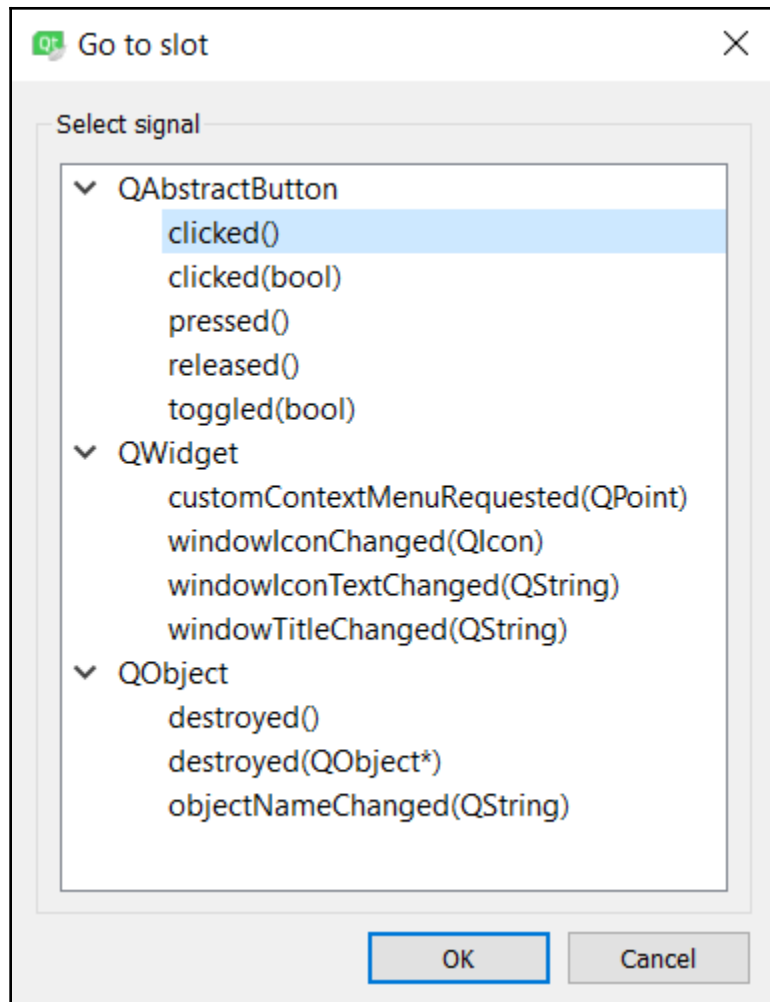


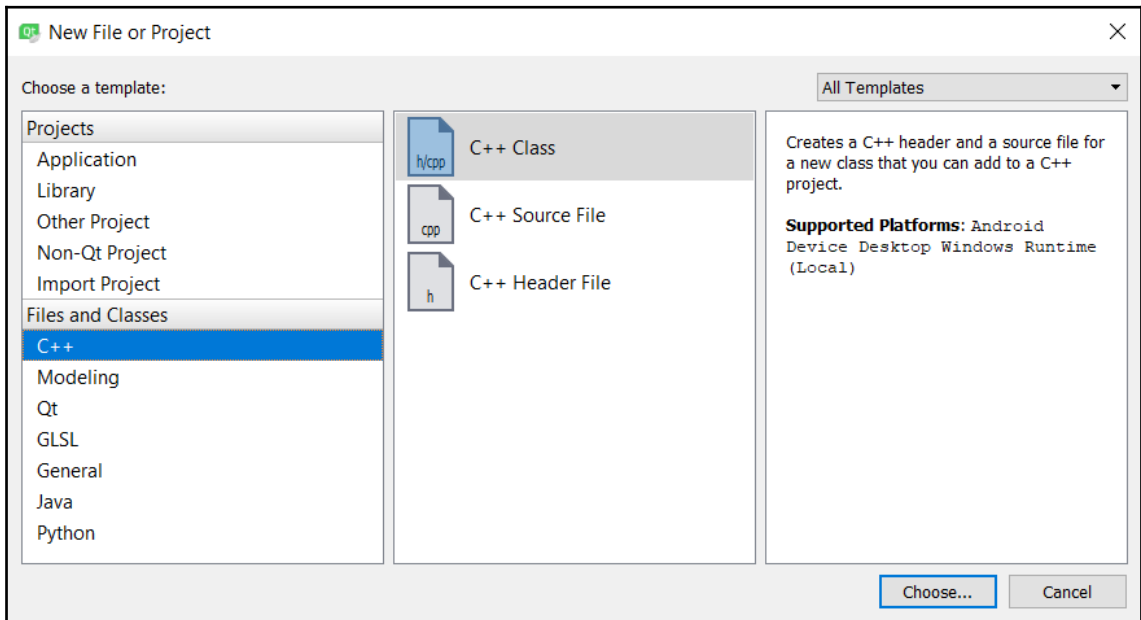
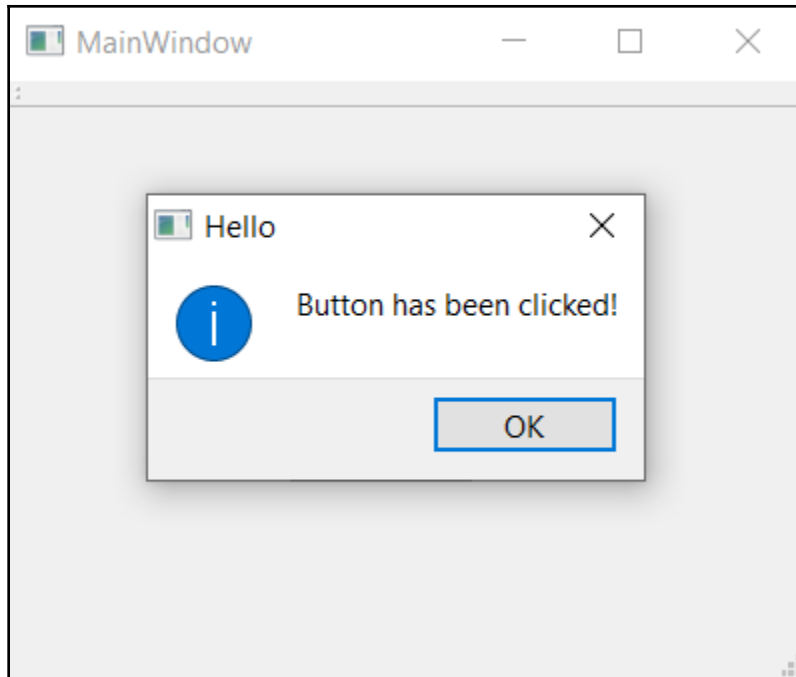




Chapter 2: Event Handling - Signals and Slots







C++ Class

Details
Summary

Define Class

Class name:

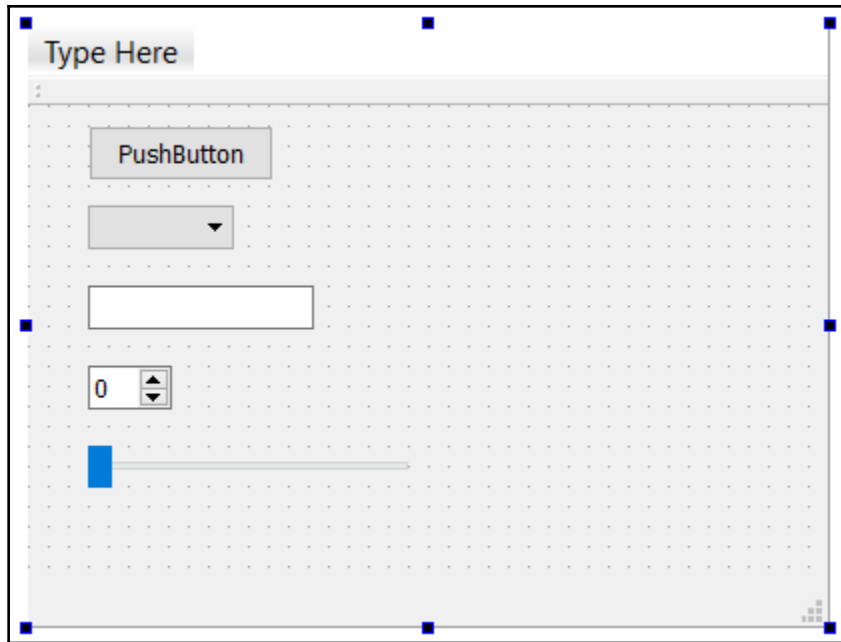
Base class:

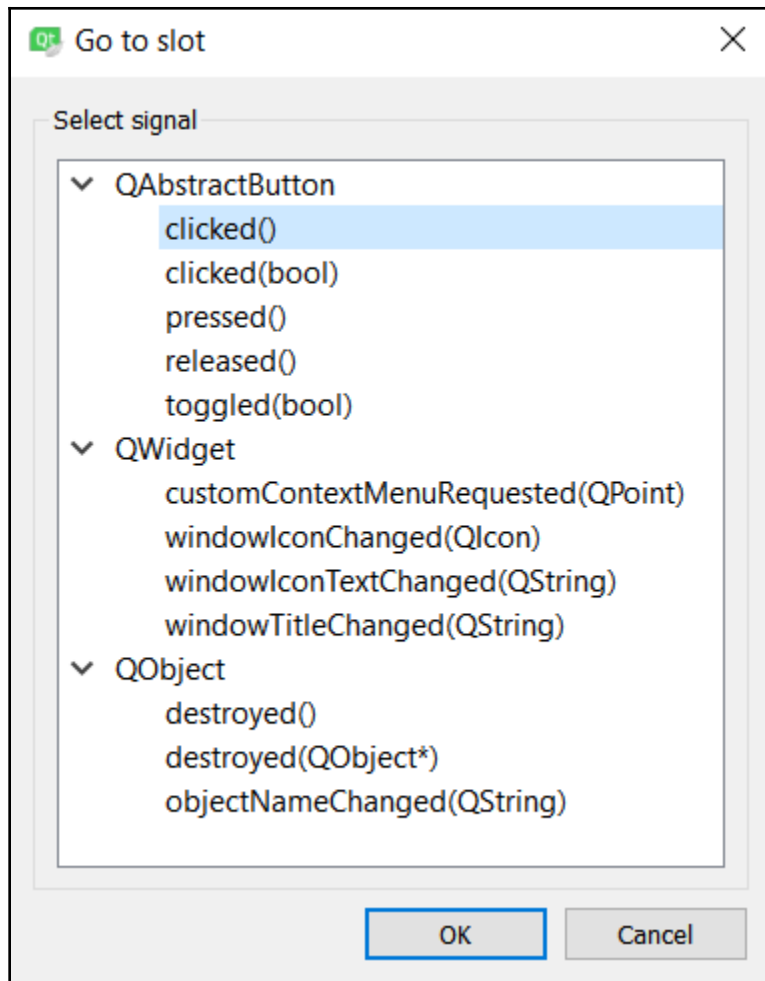
- Include QObject
- Include QWidget
- Include QMainWindow
- Include QDeclarativeItem - Qt Quick 1
- Include QQuickItem - Qt Quick 2
- Include QSharedData

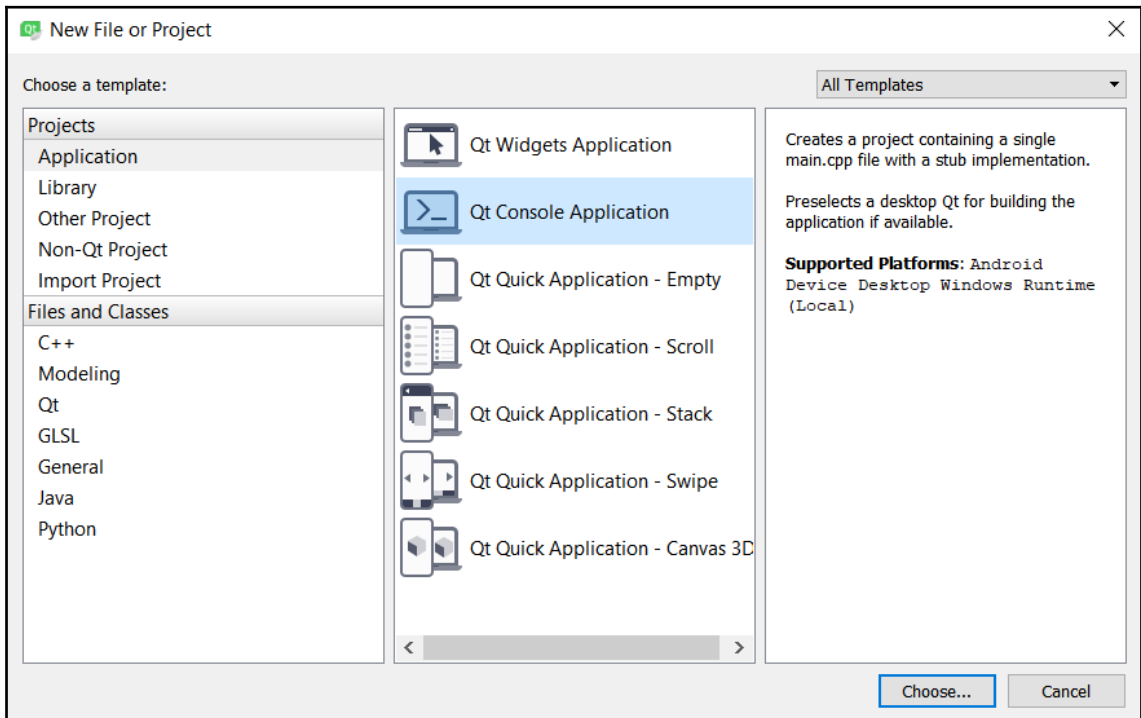
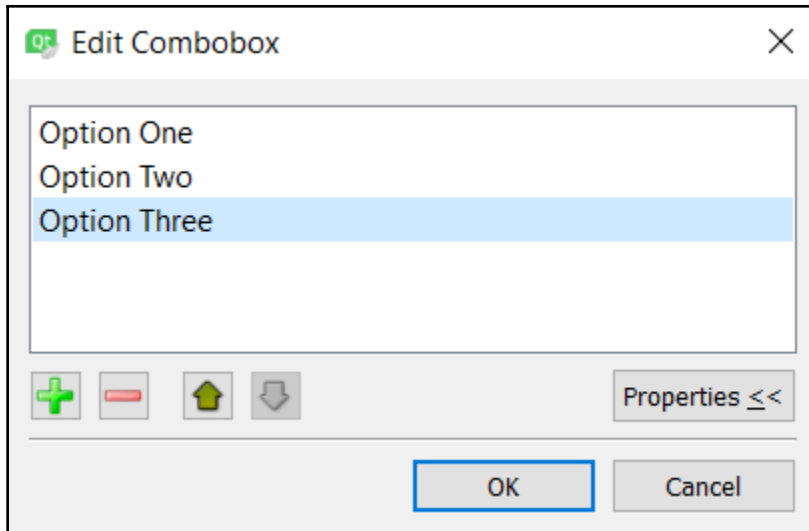
Header file:

Source file:

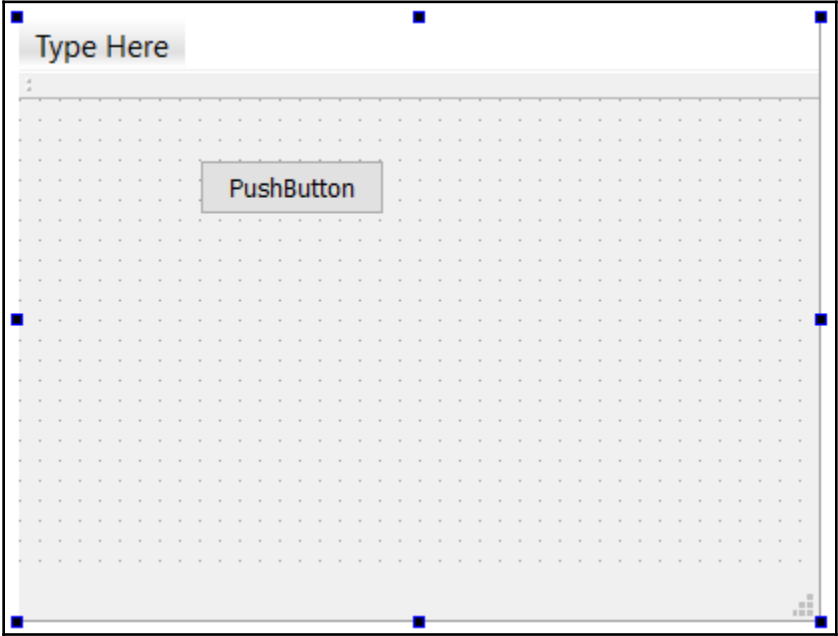
Path:

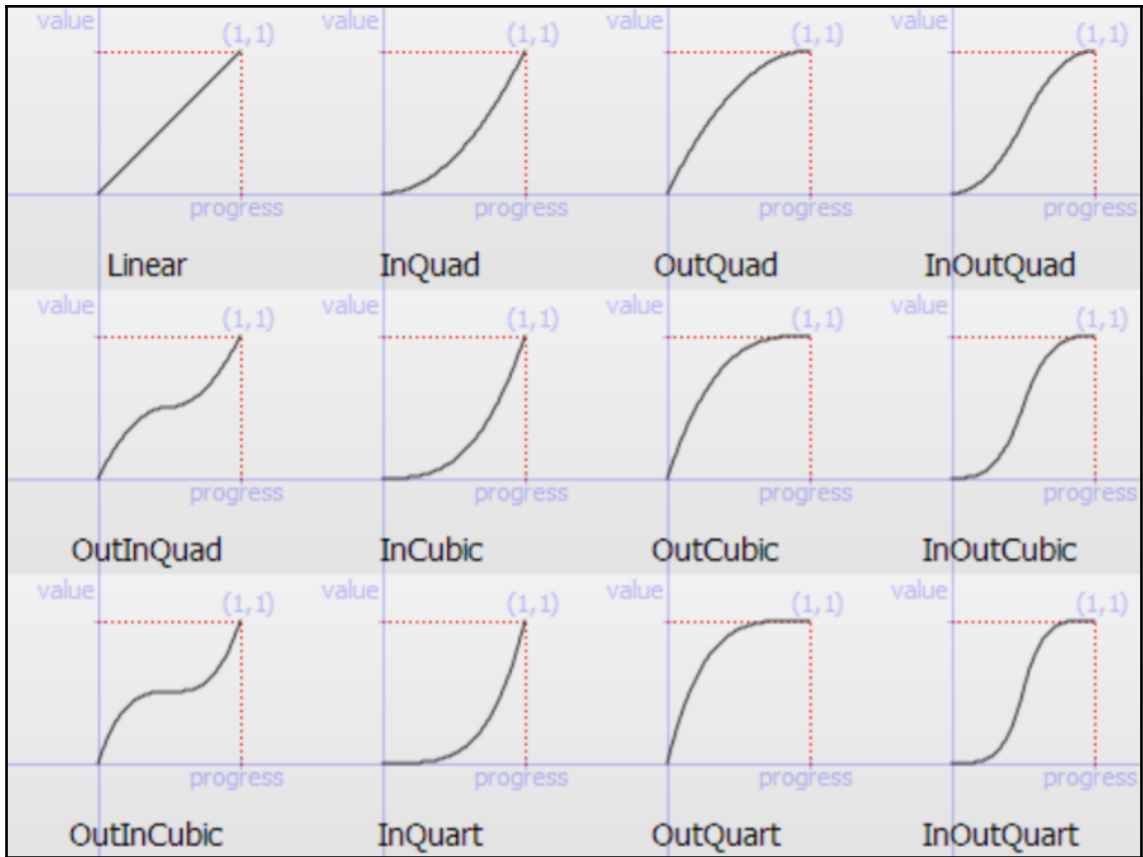


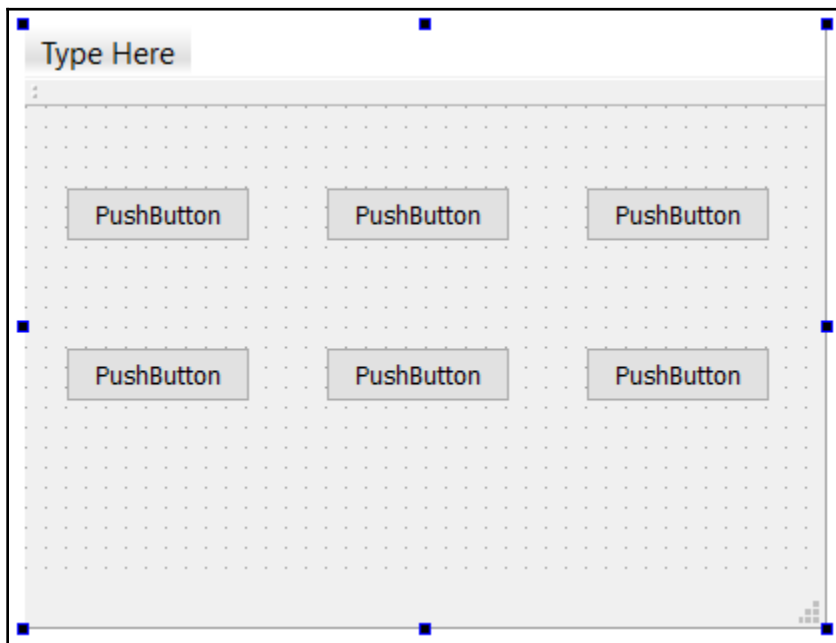
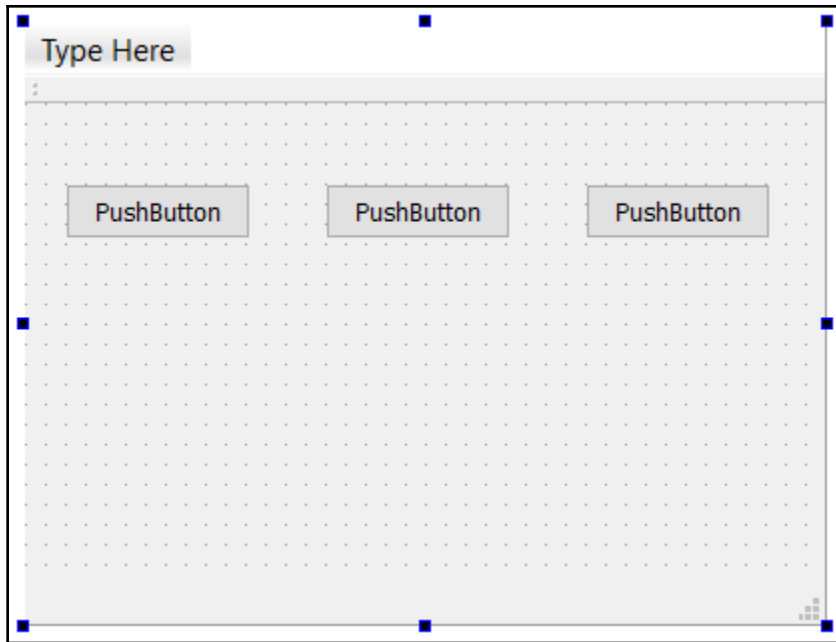


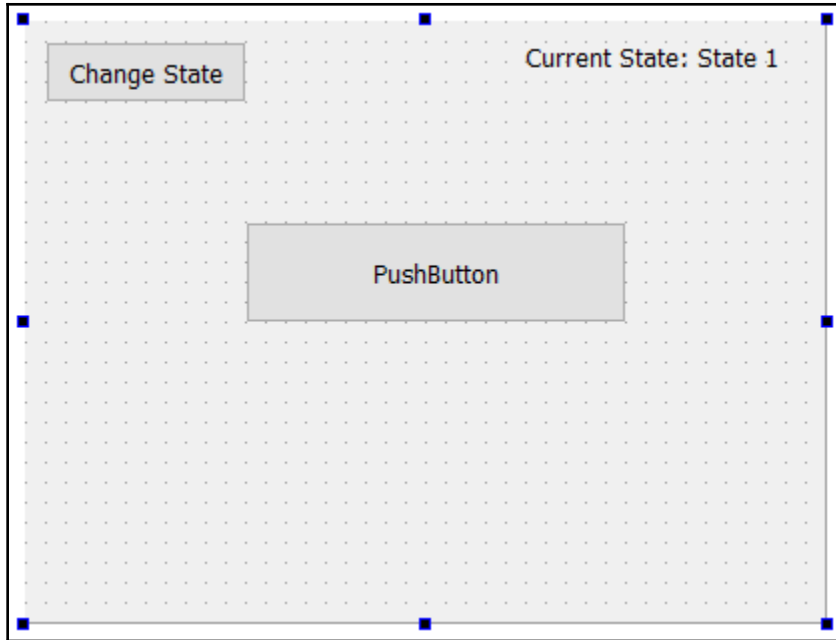


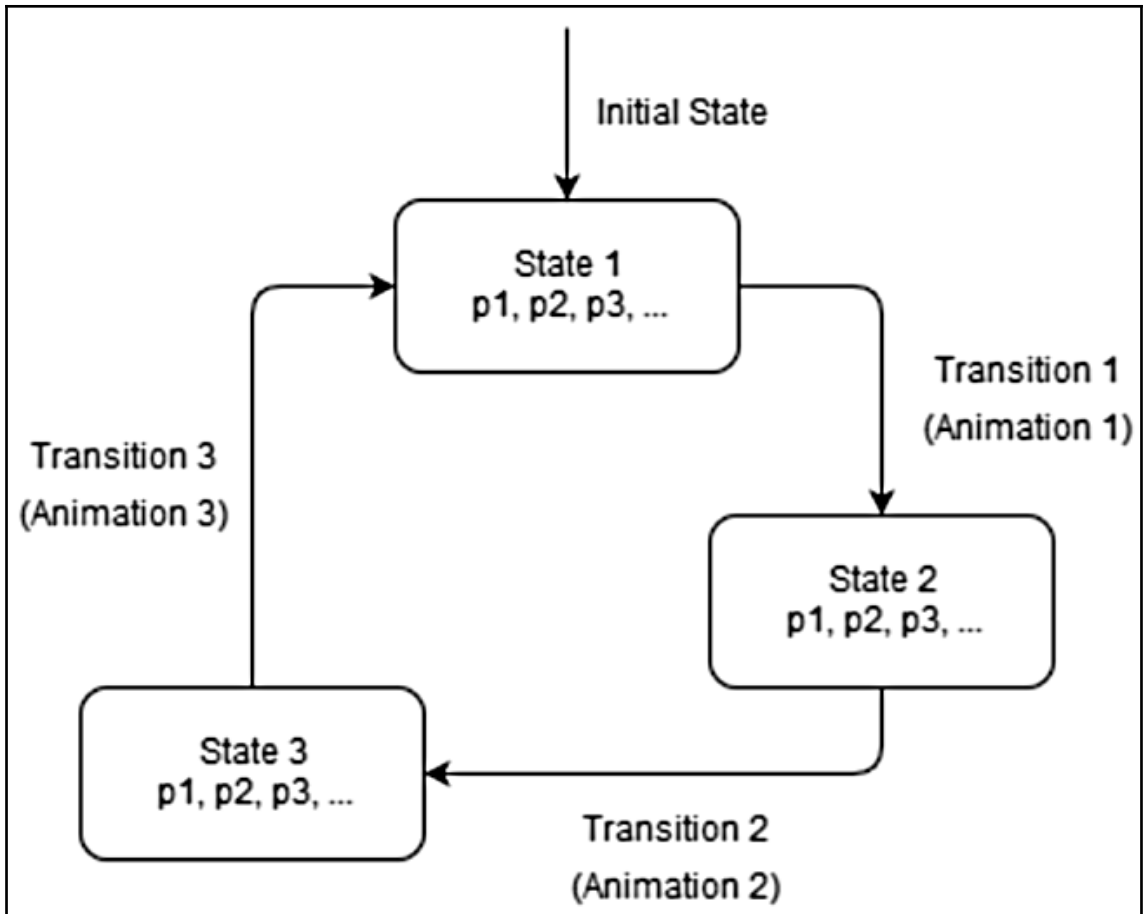
Chapter 3: States and Animations with Qt and QML

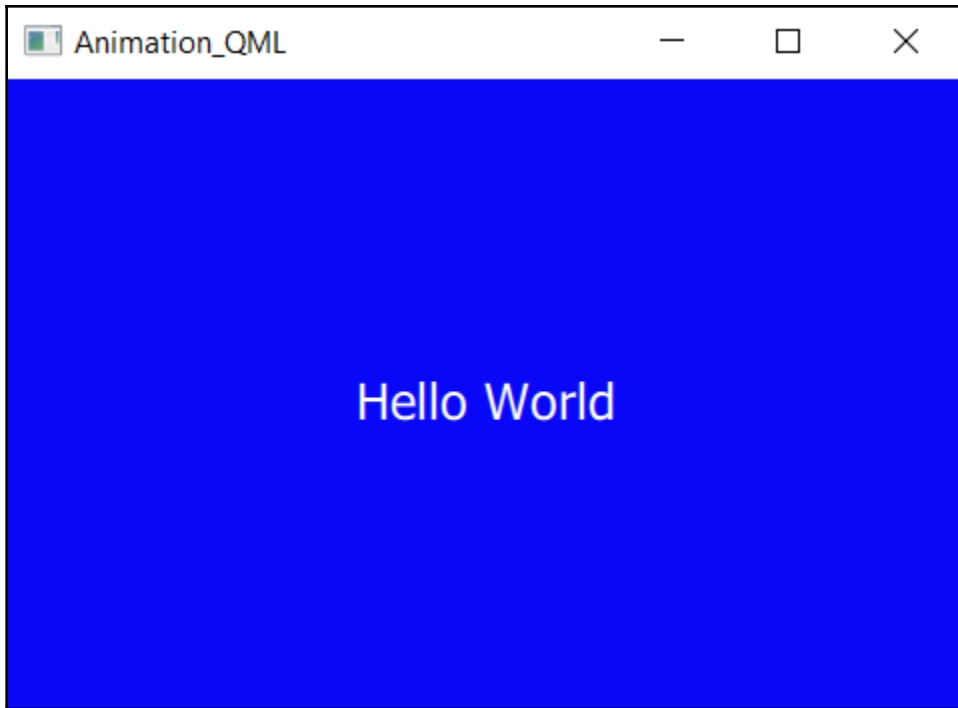


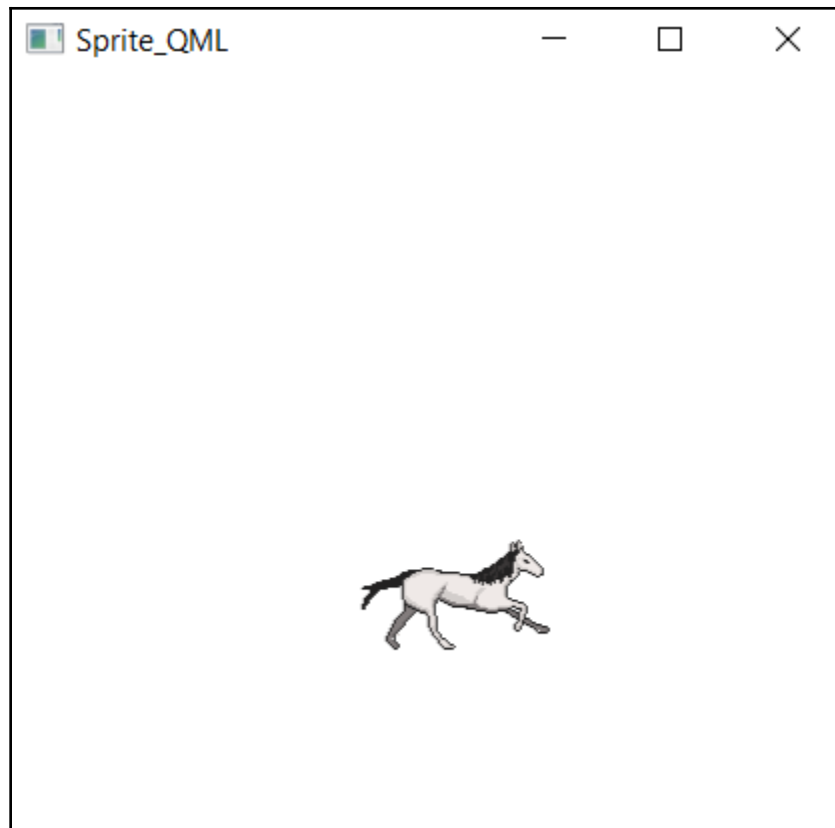




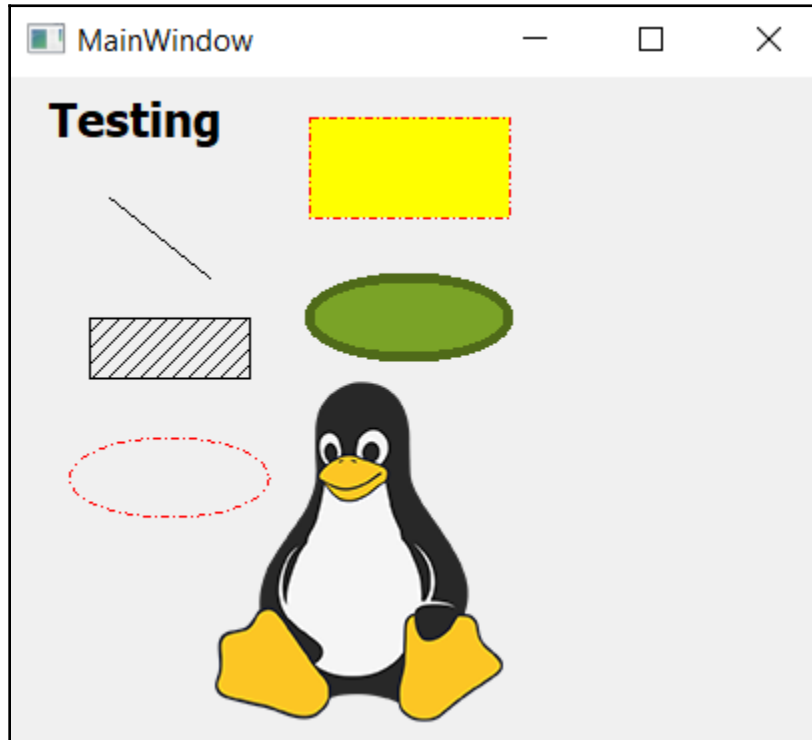
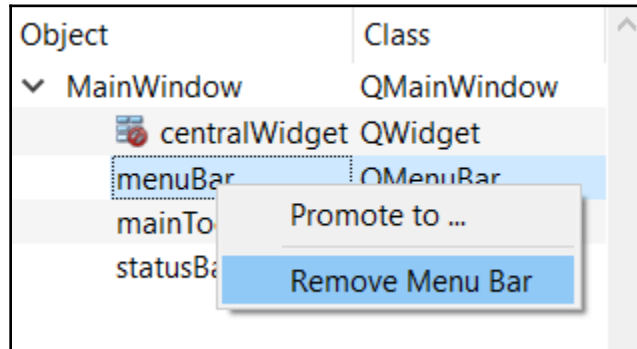


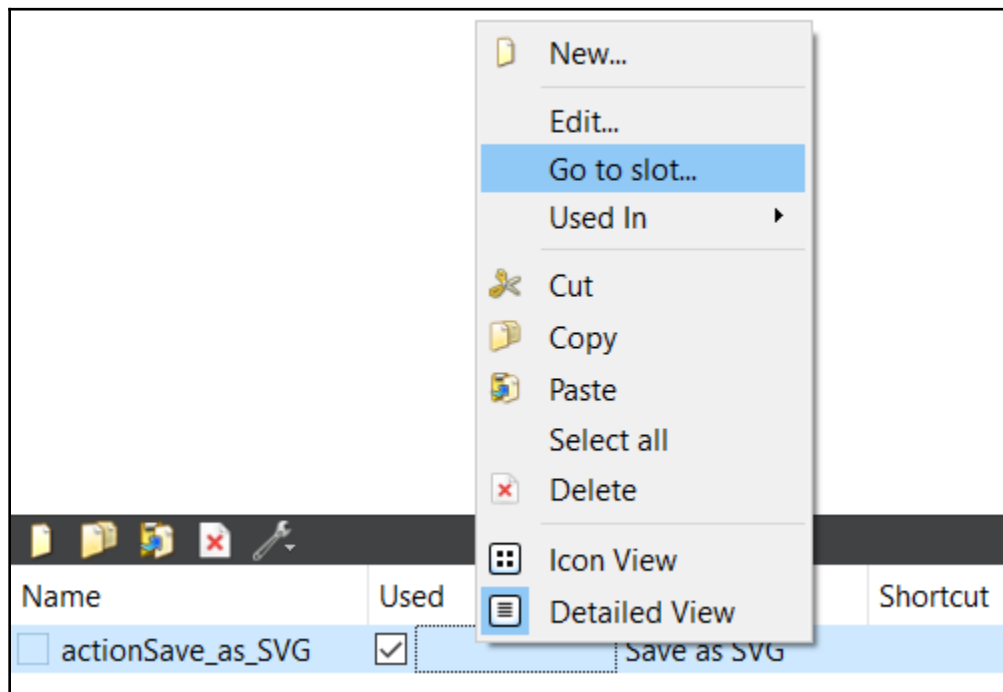
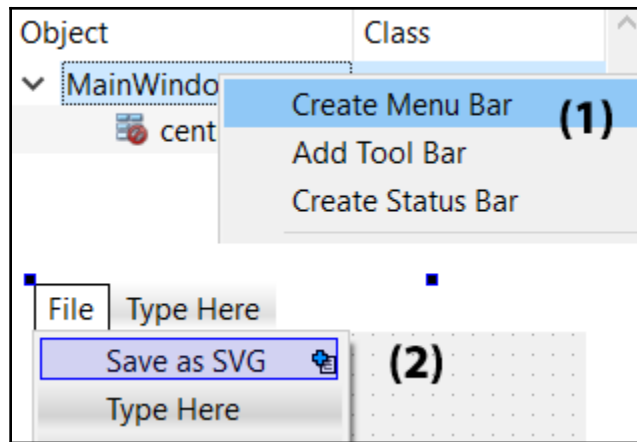


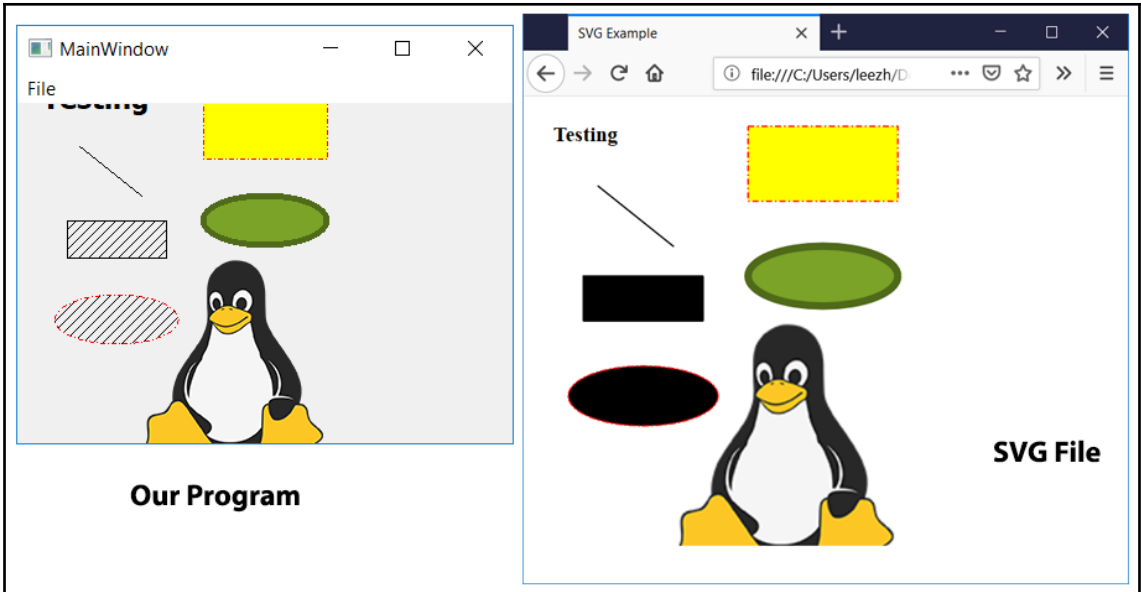


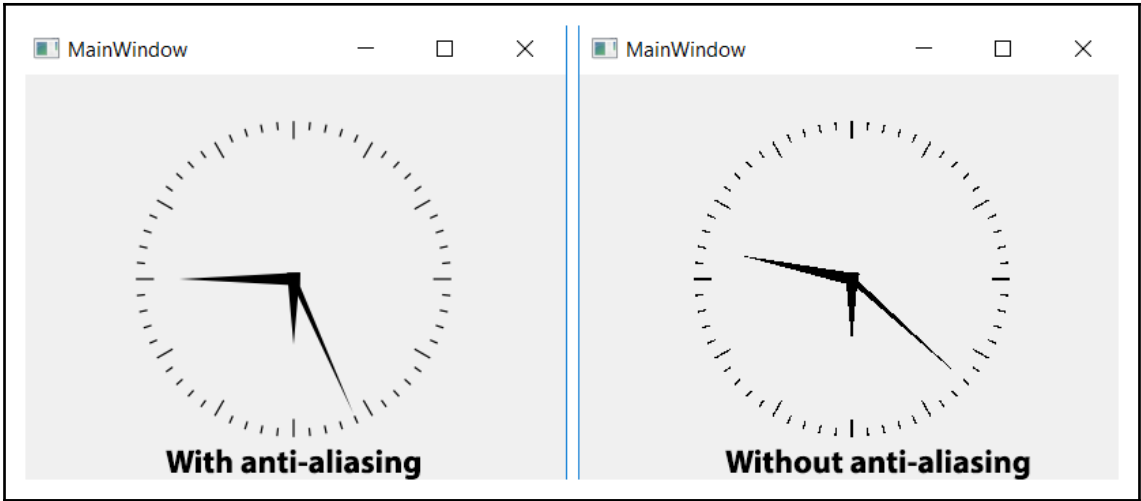


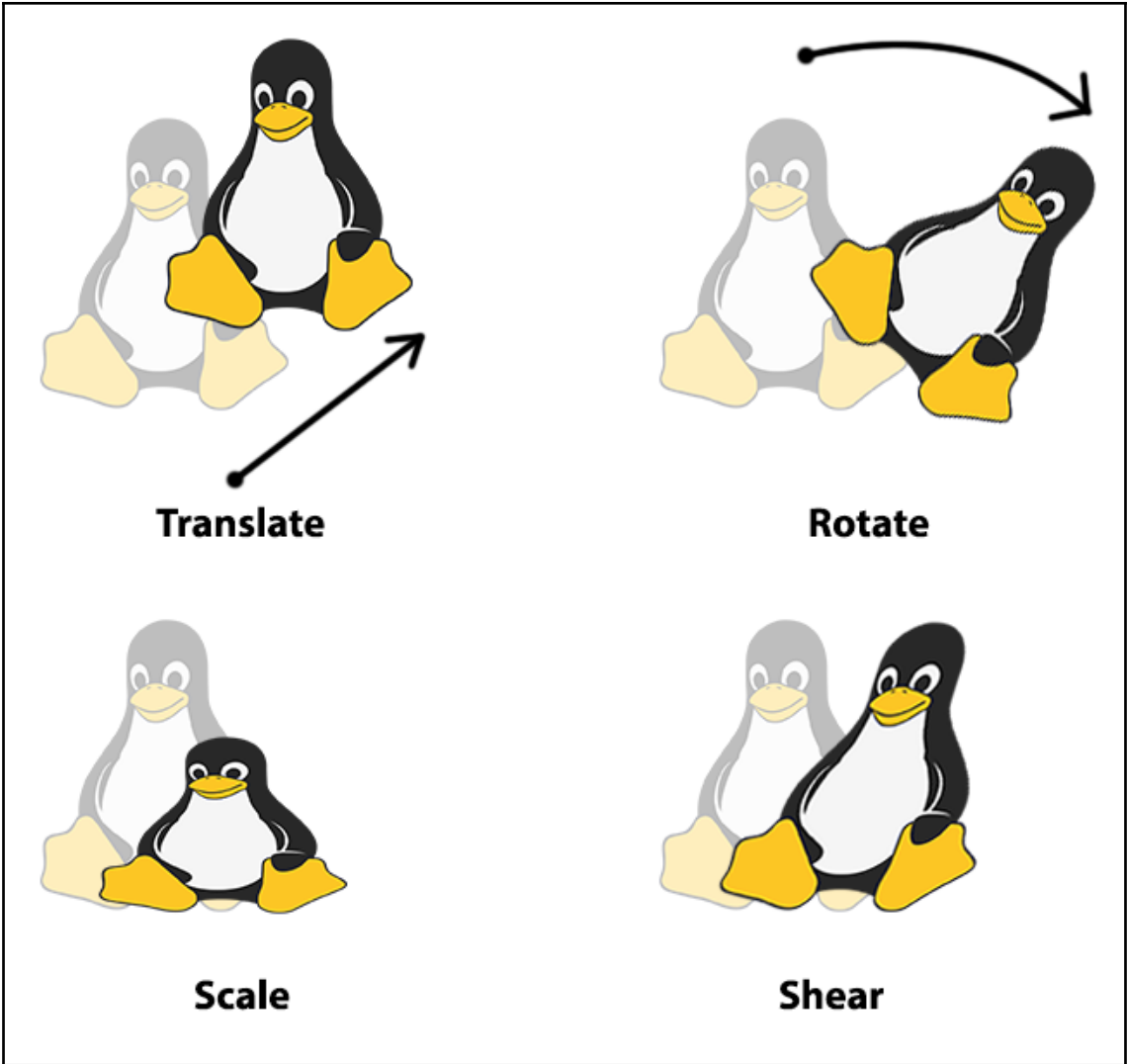
Chapter 4: QPainter and 2D Graphics

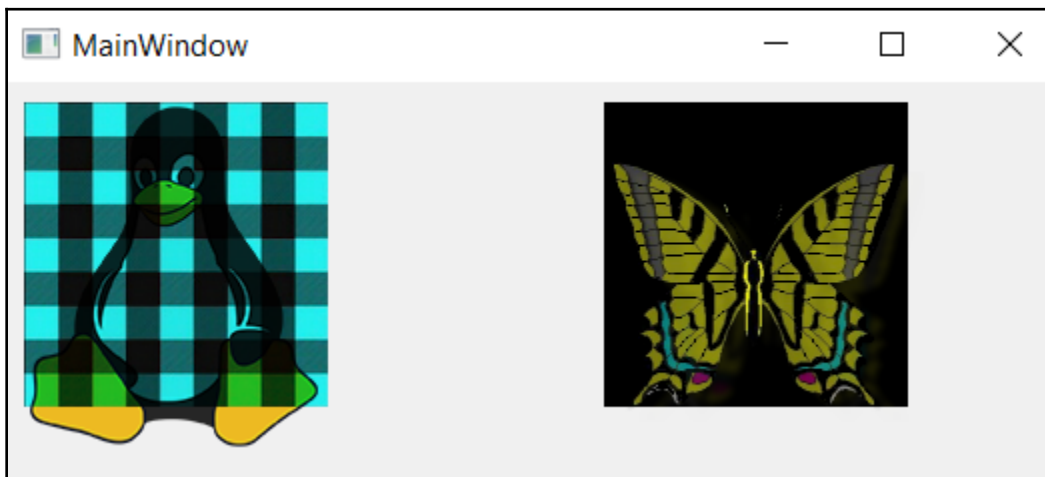
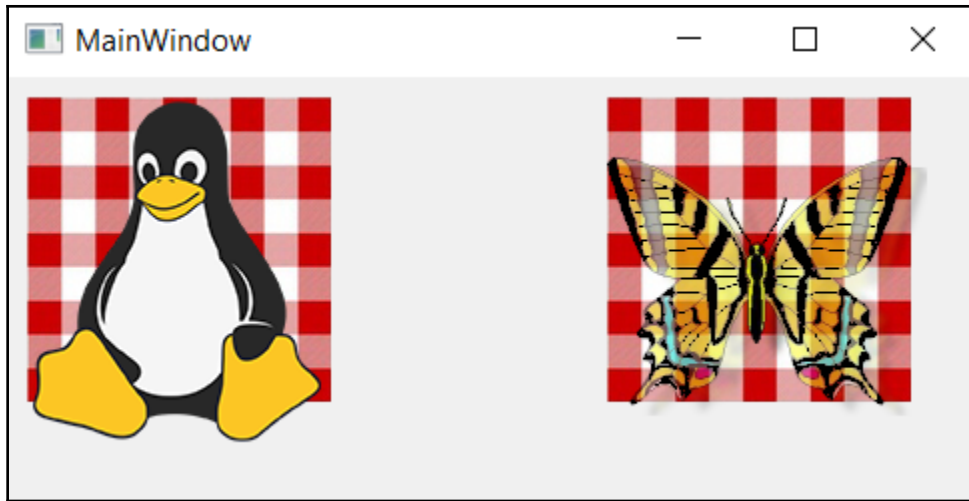


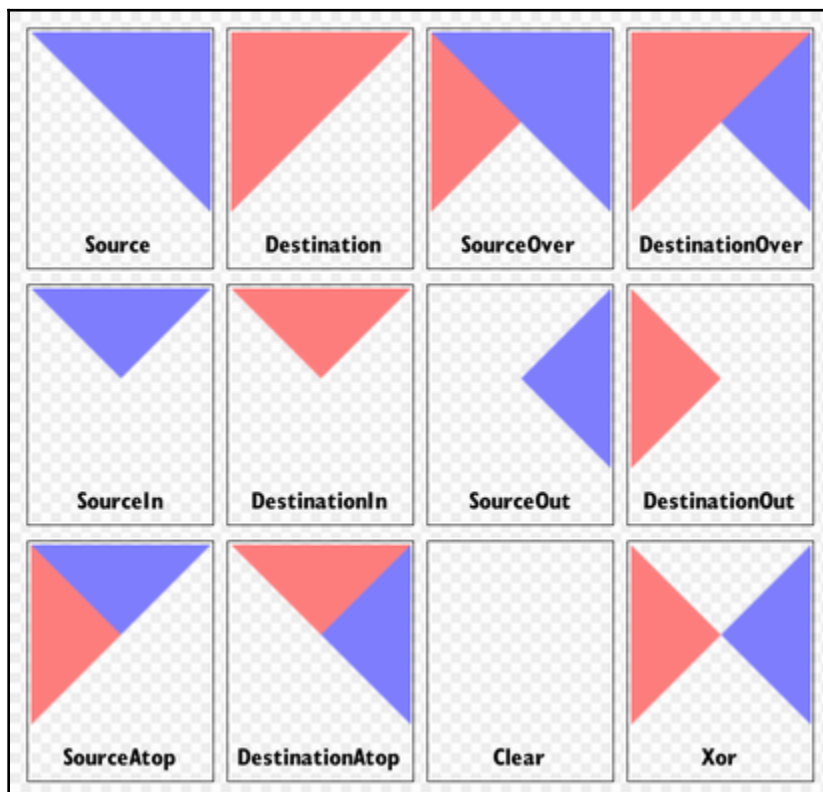
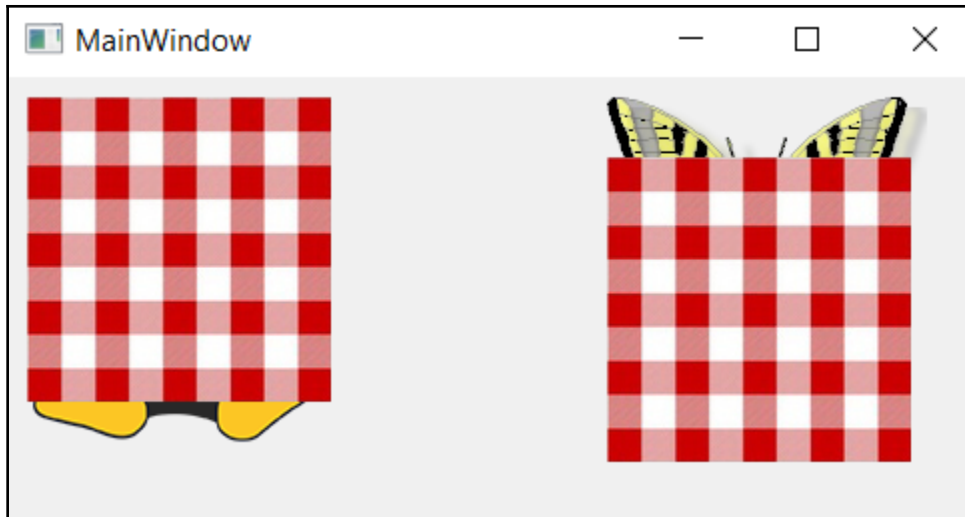


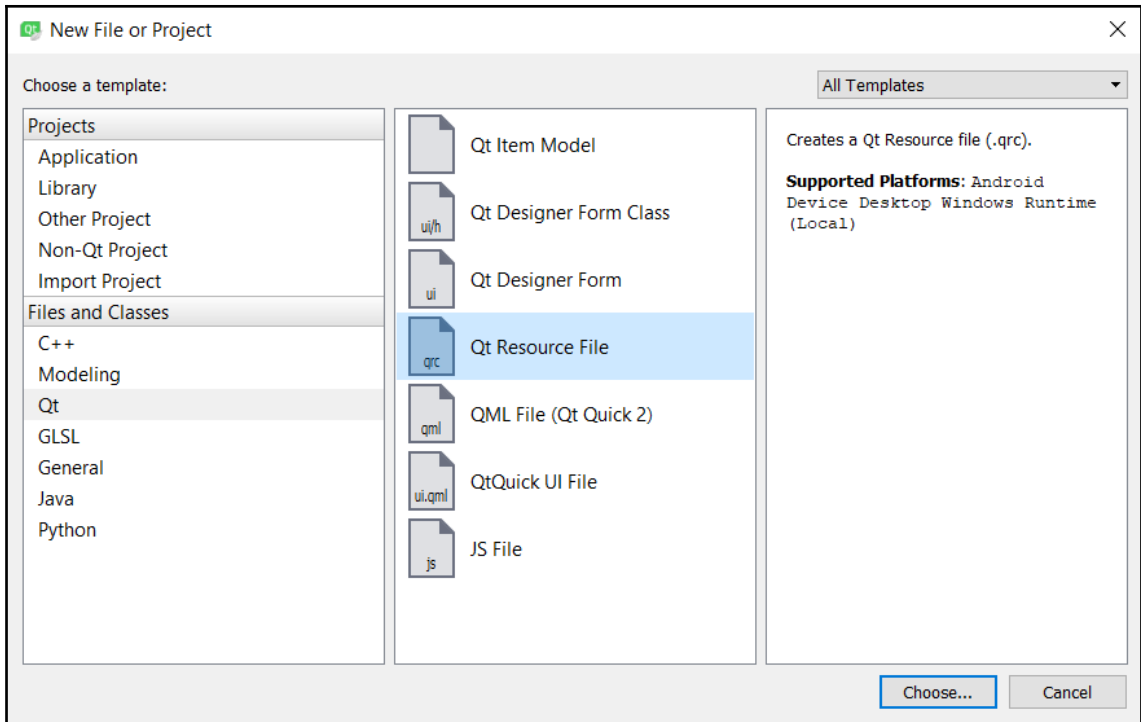


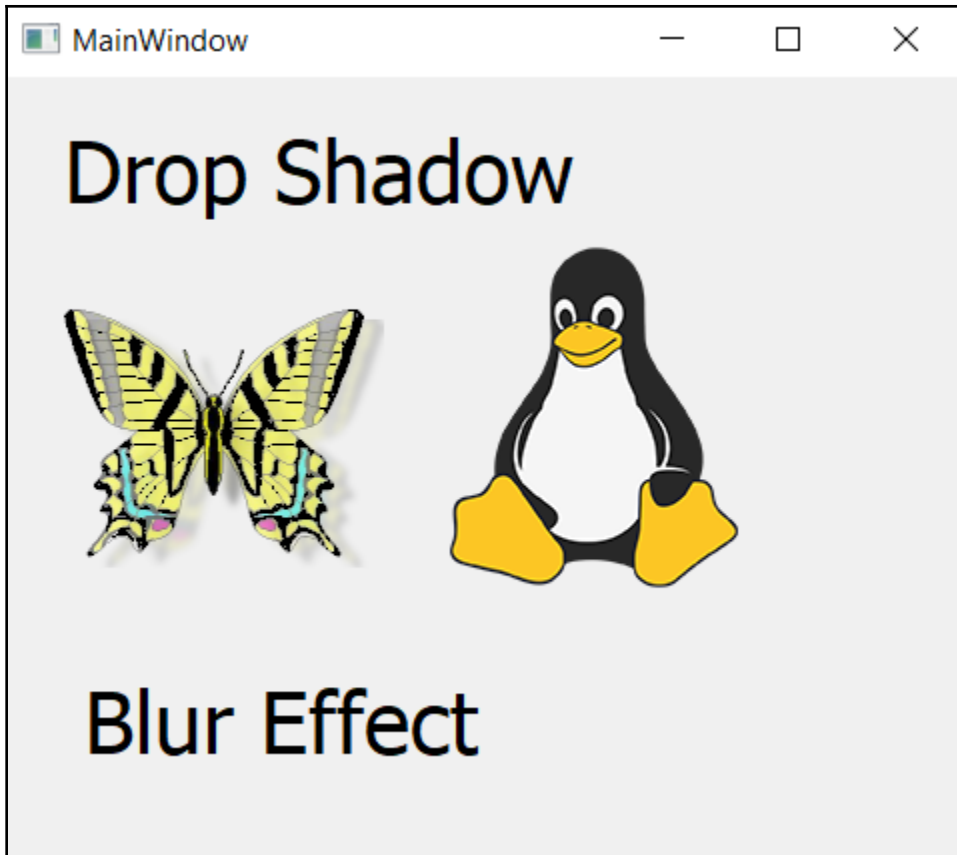


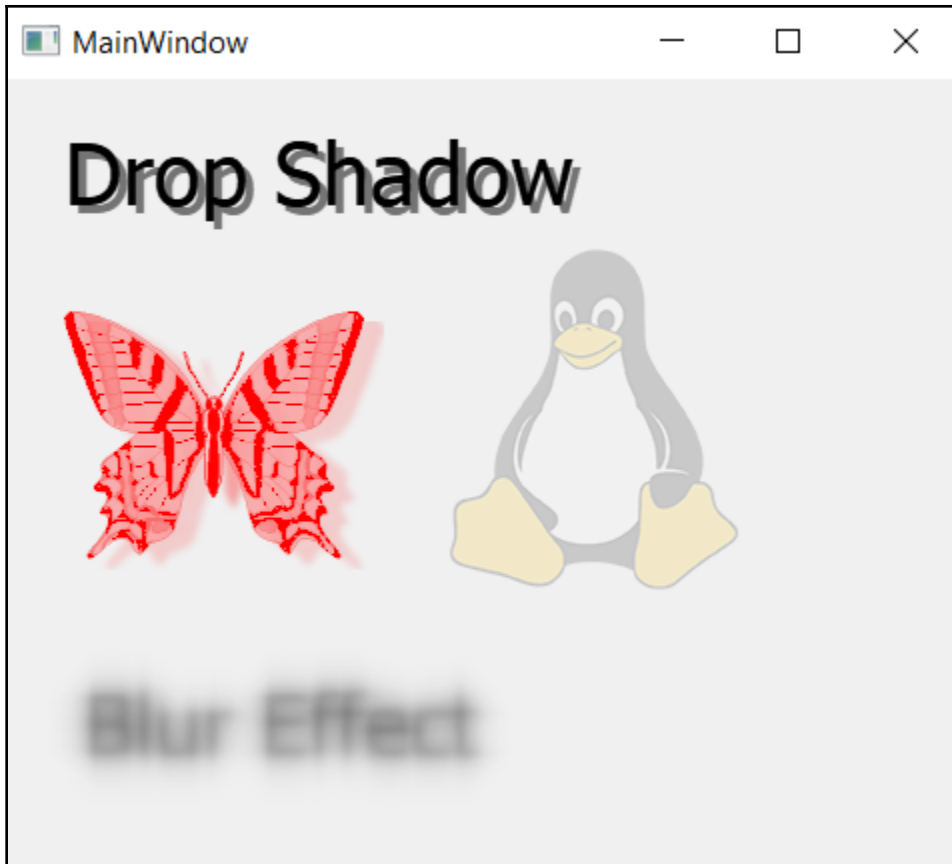


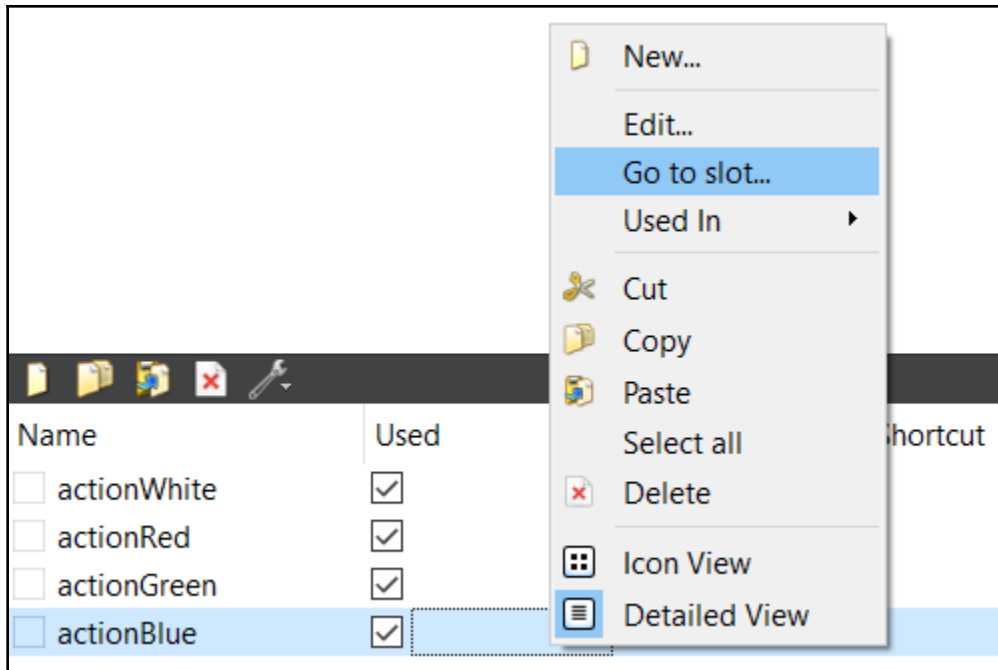
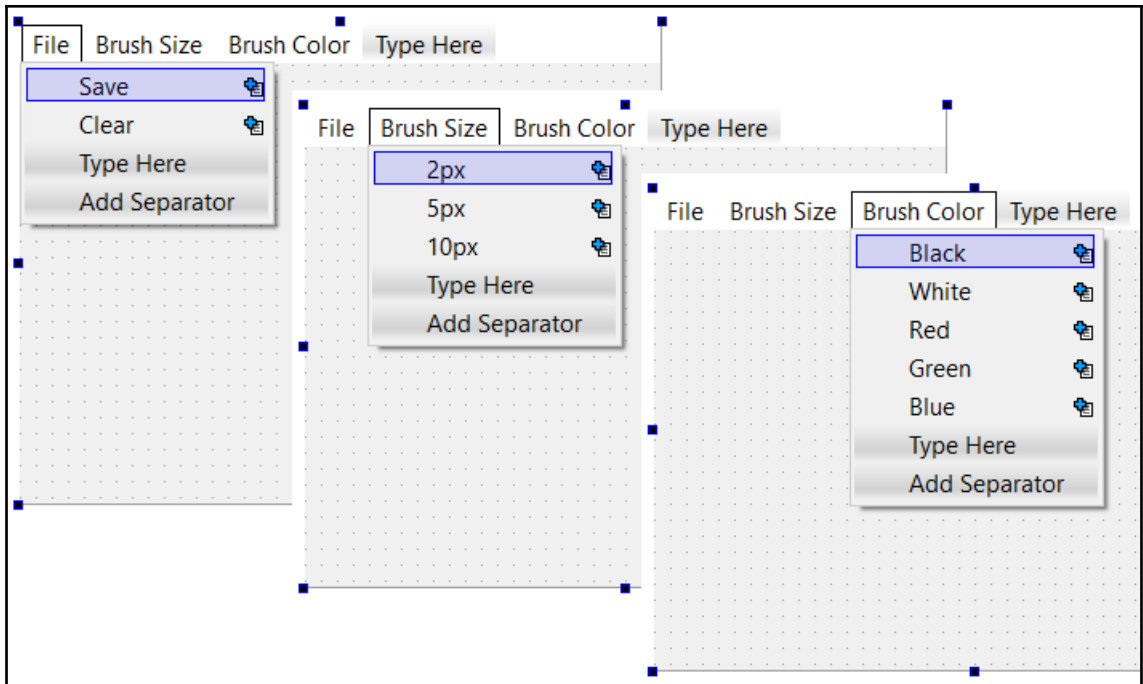




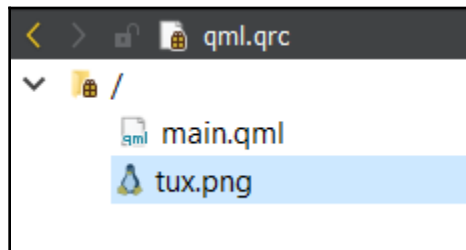
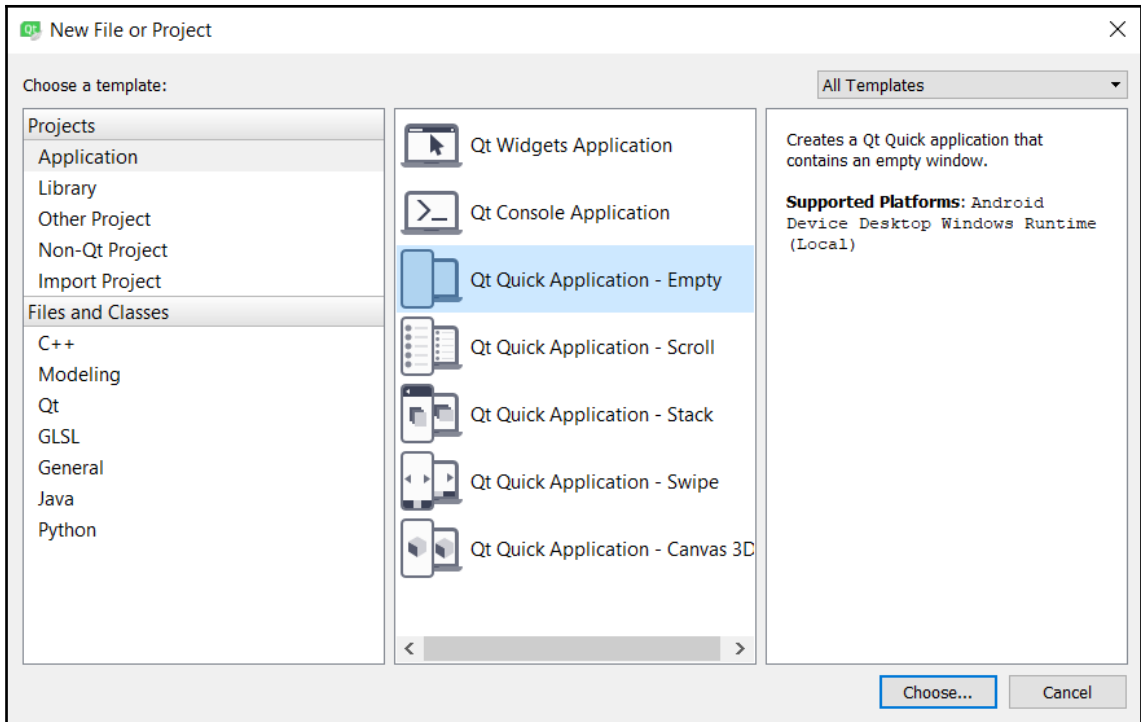


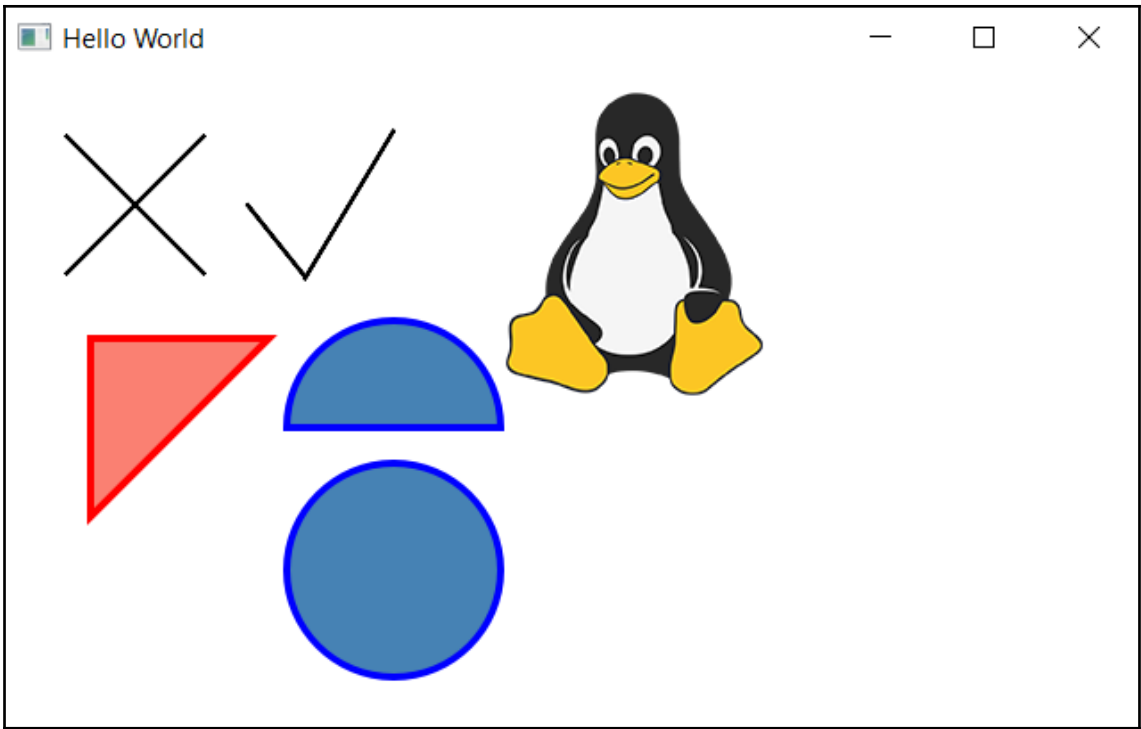




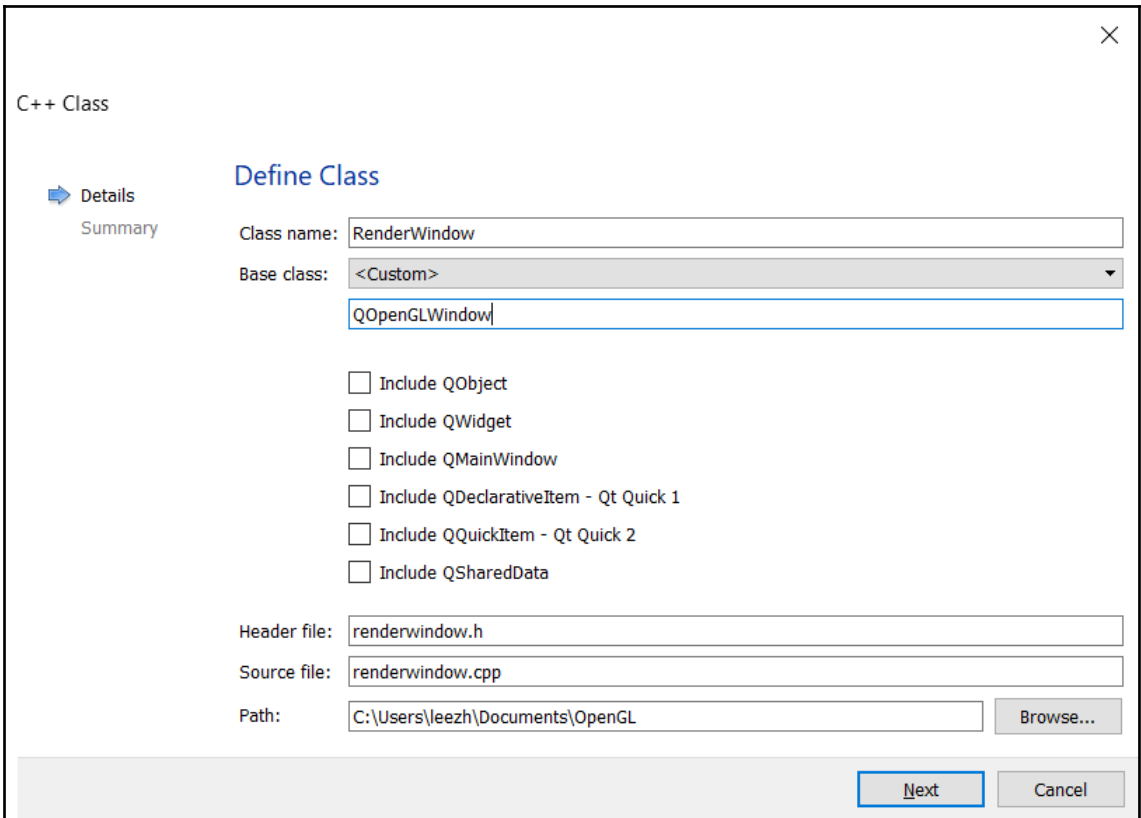


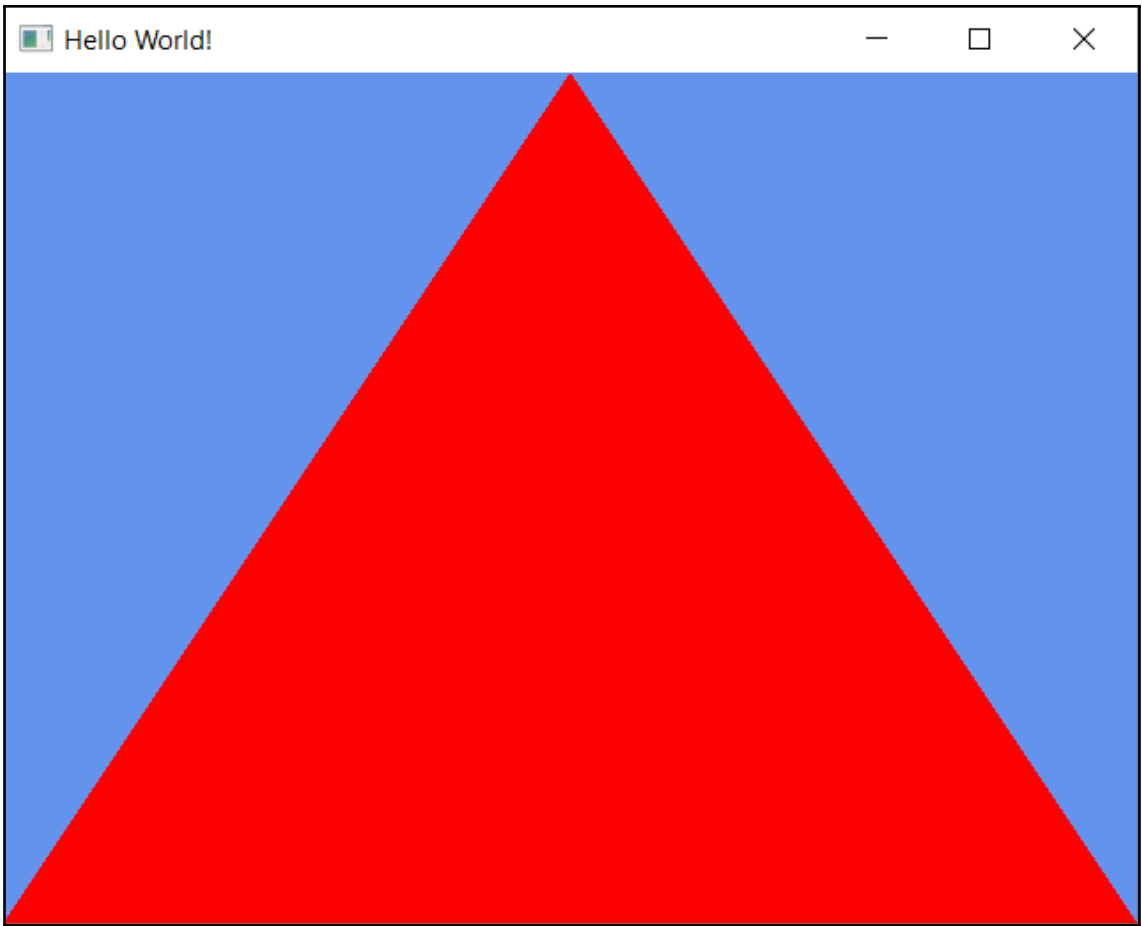


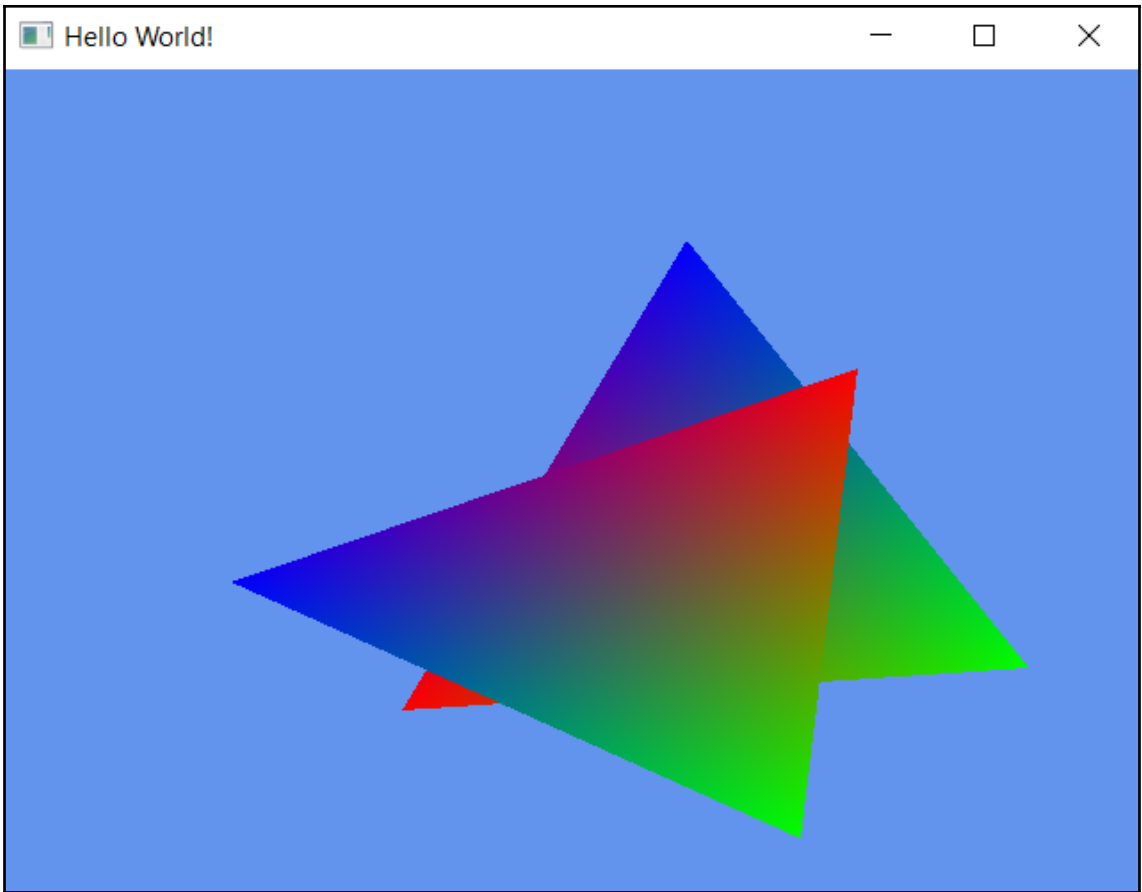


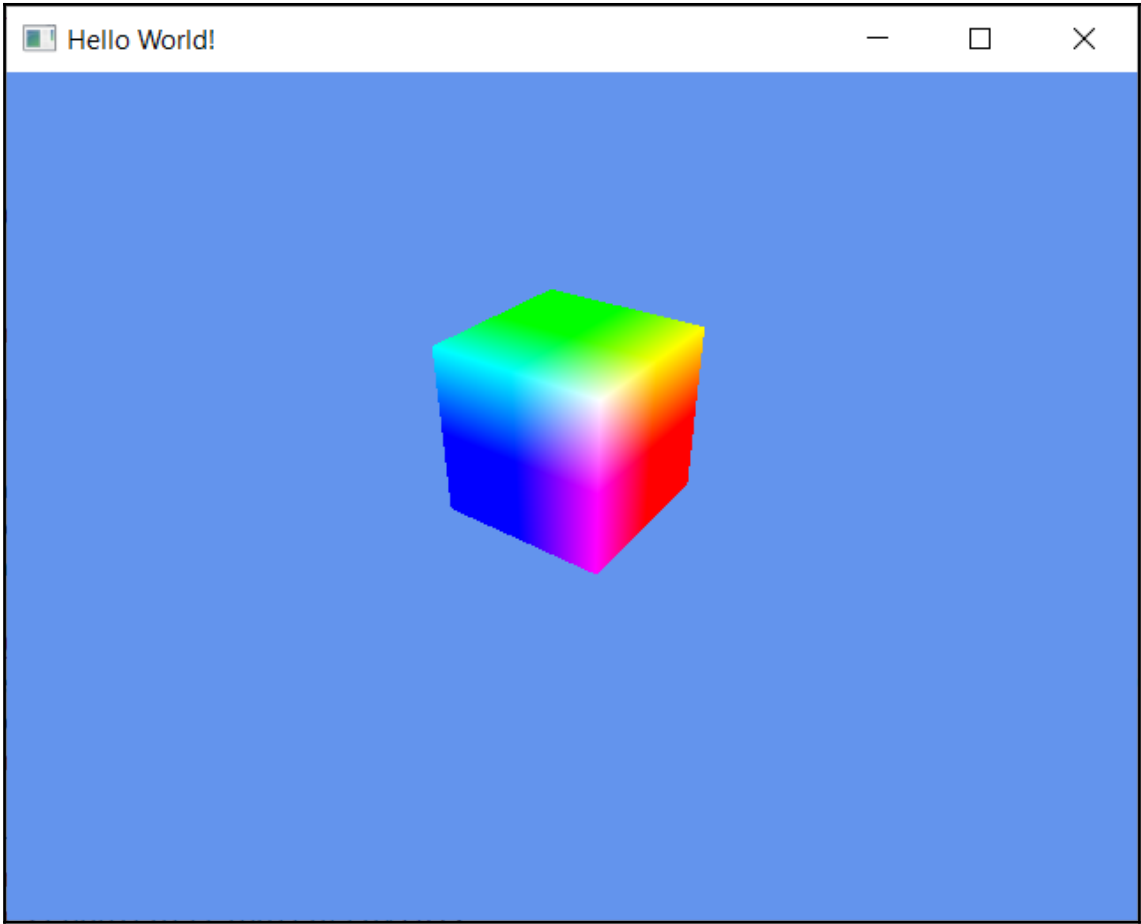


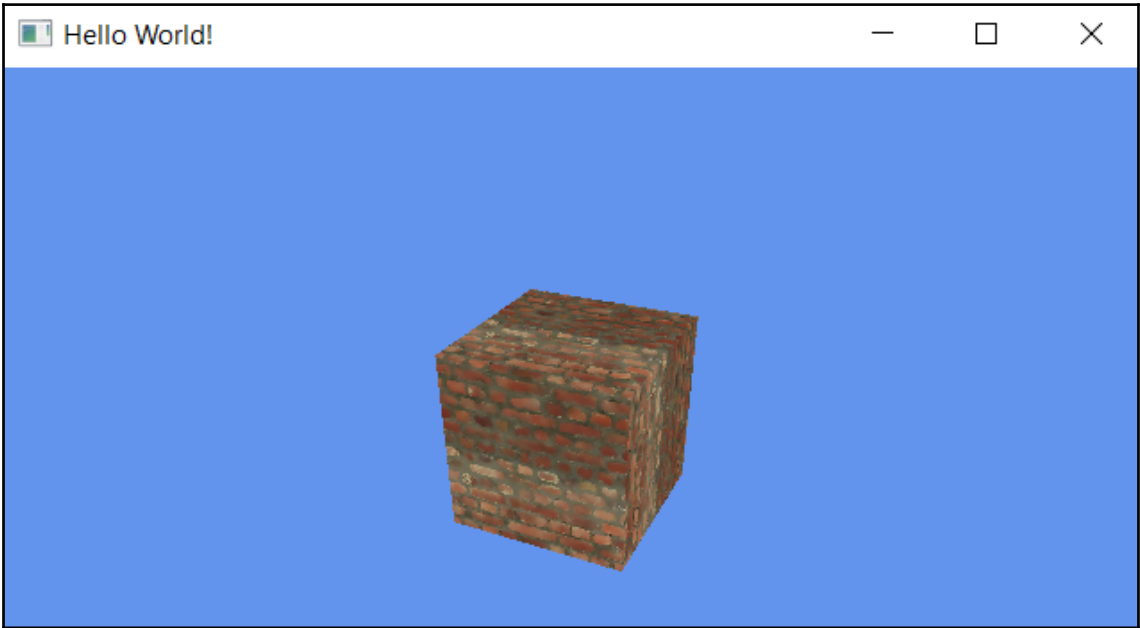
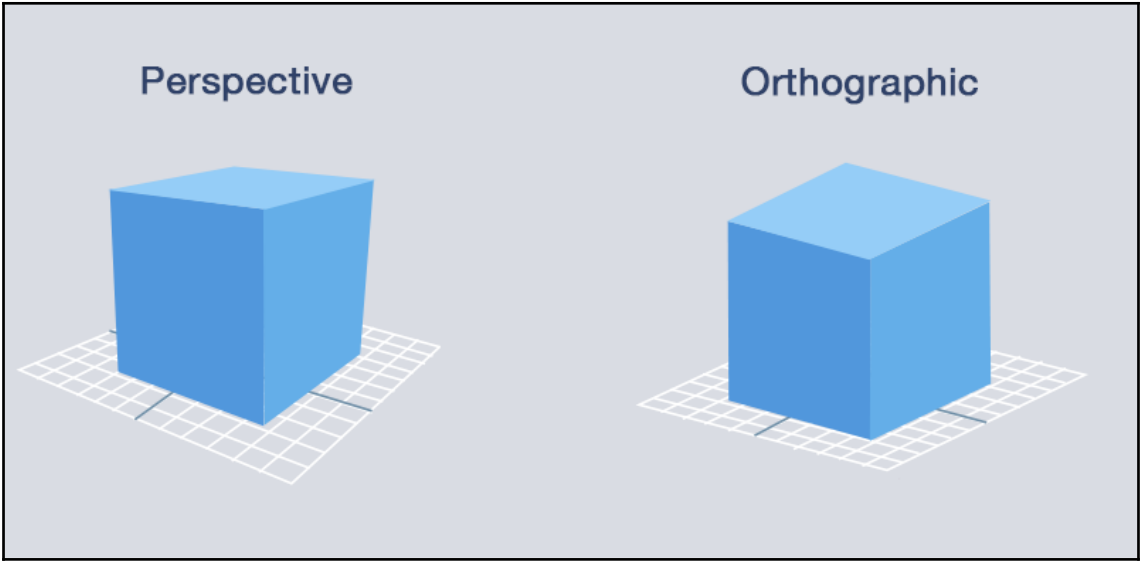
Chapter 5: OpenGL Implementation

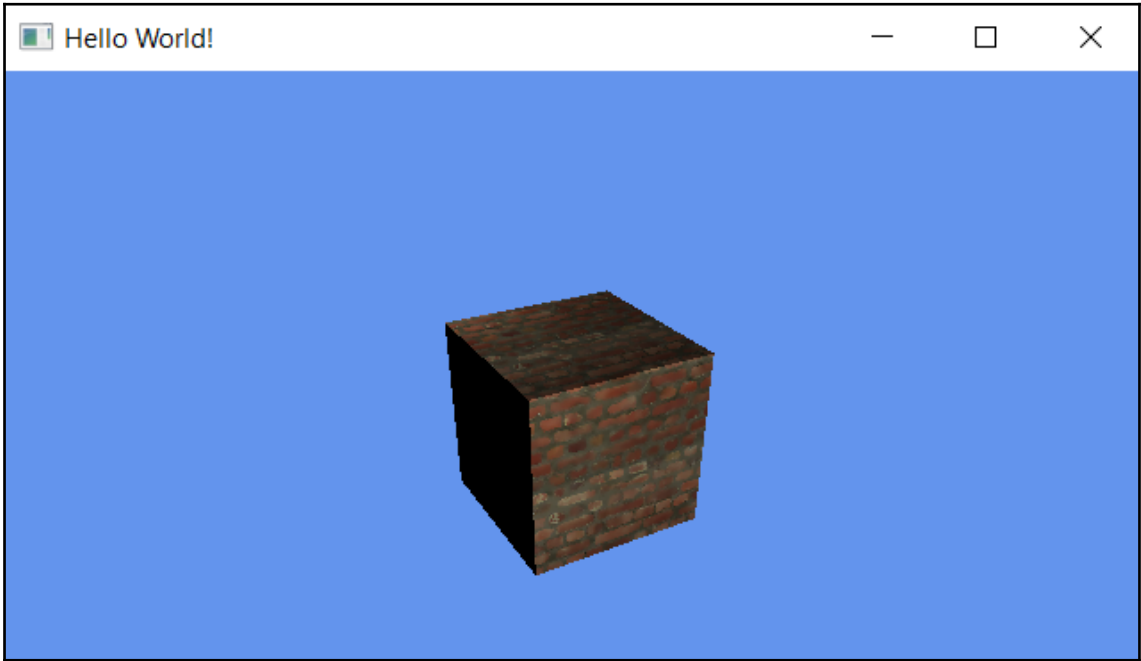
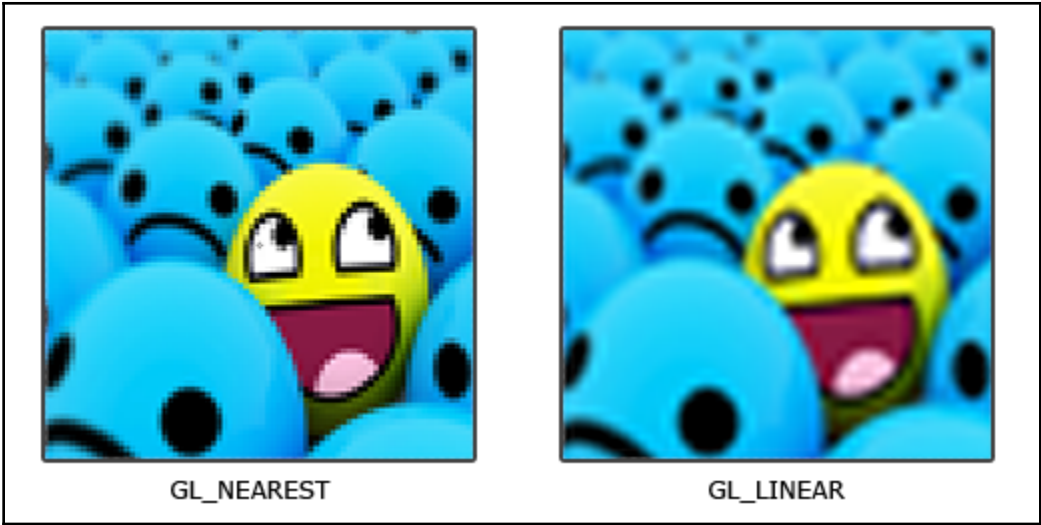


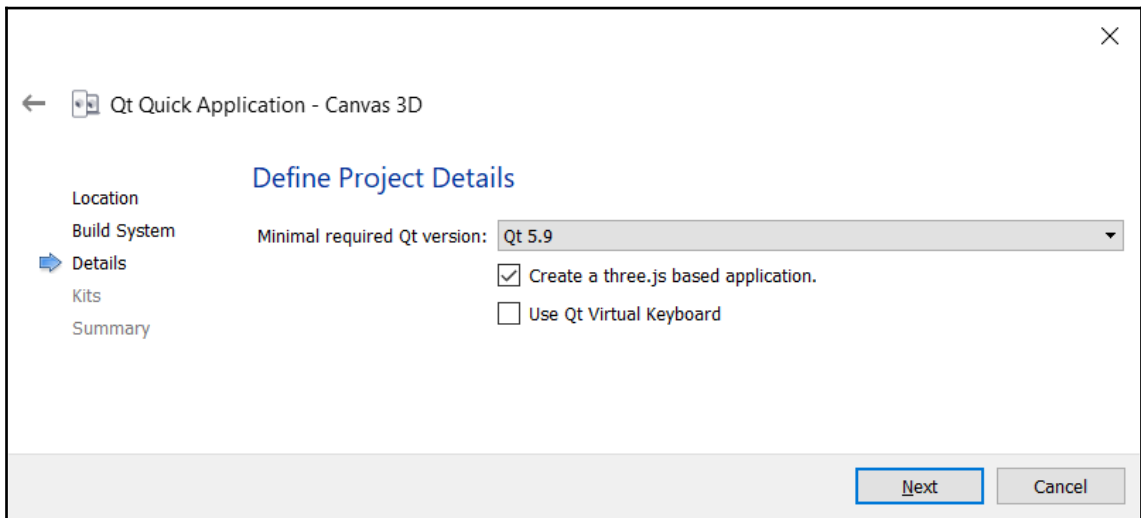
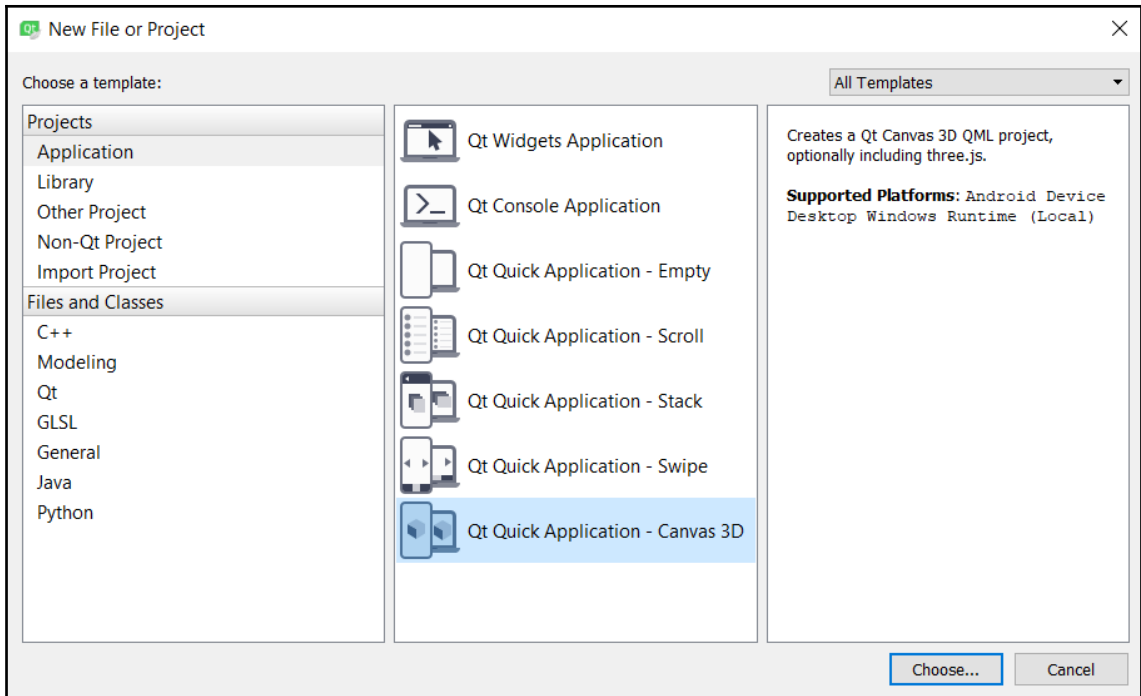


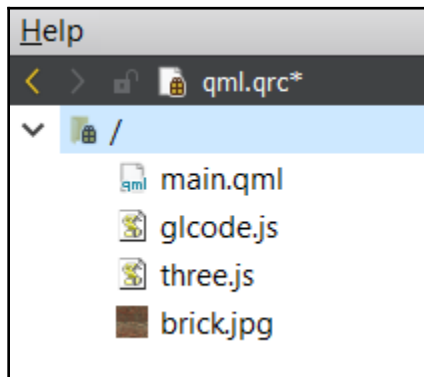
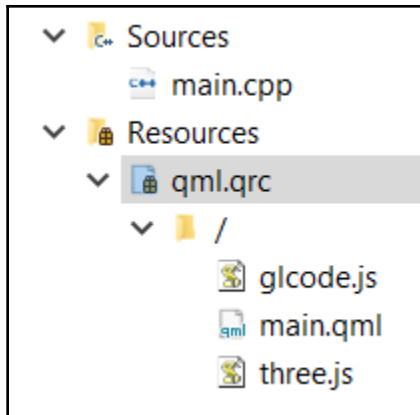


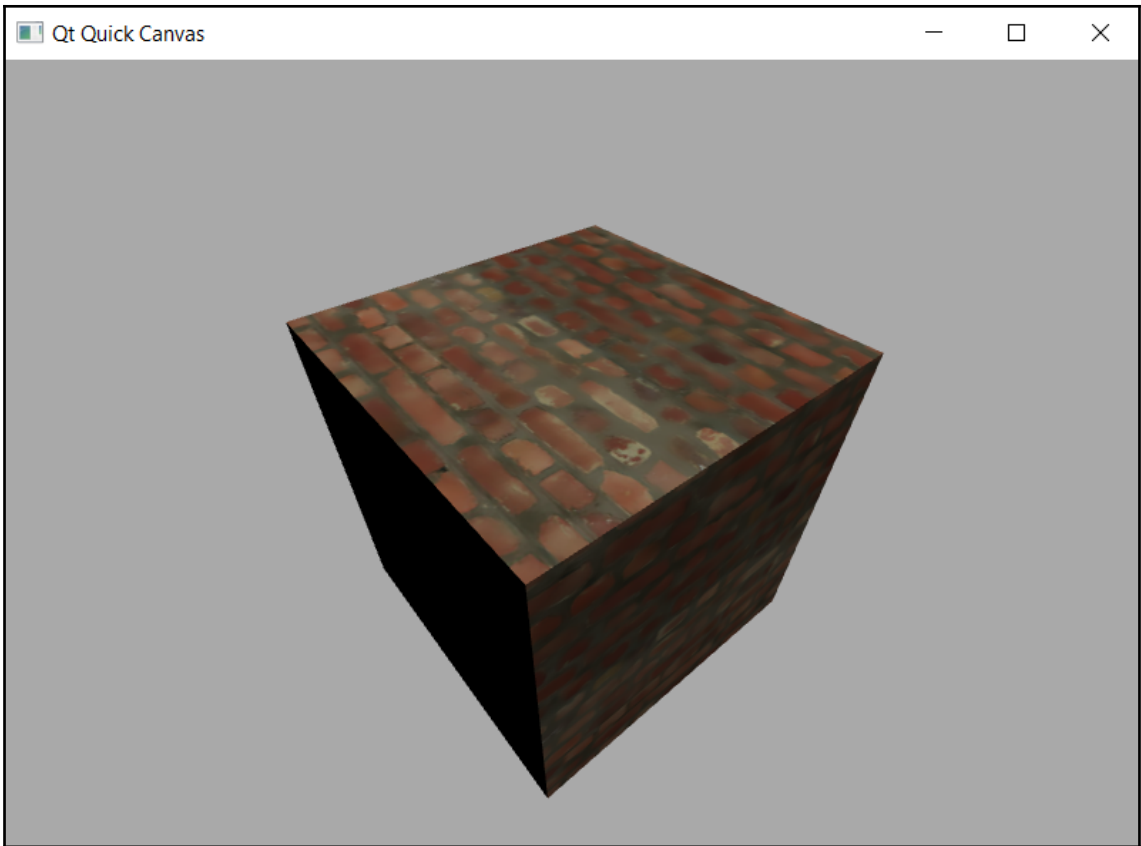




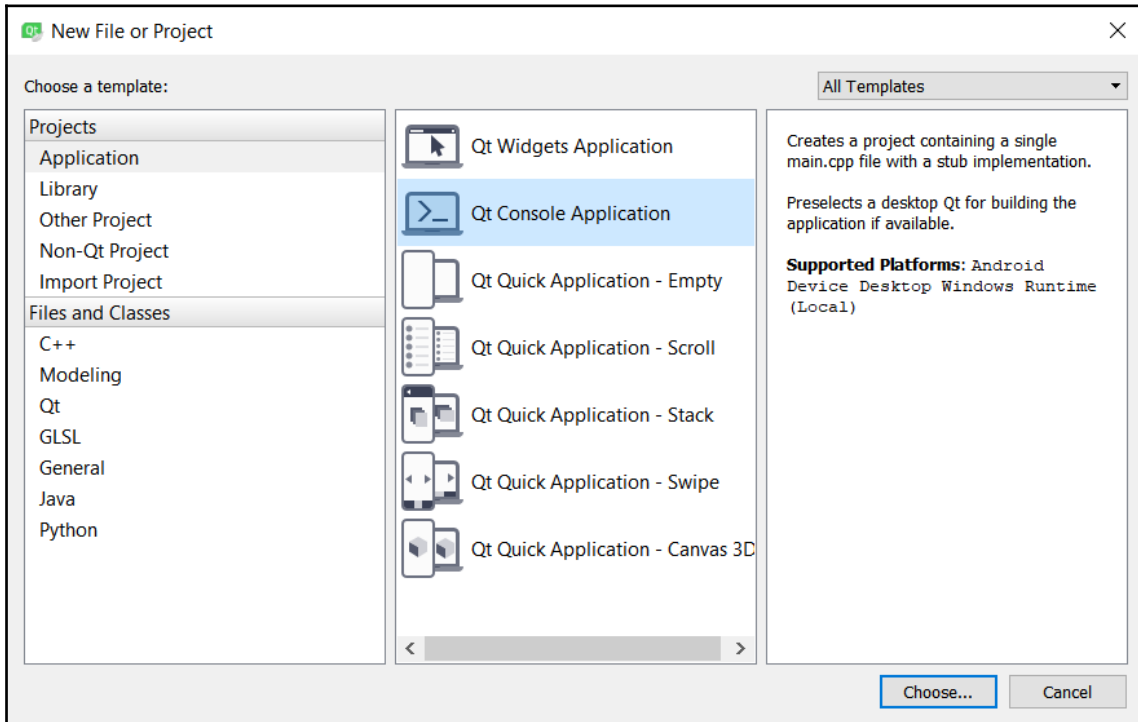


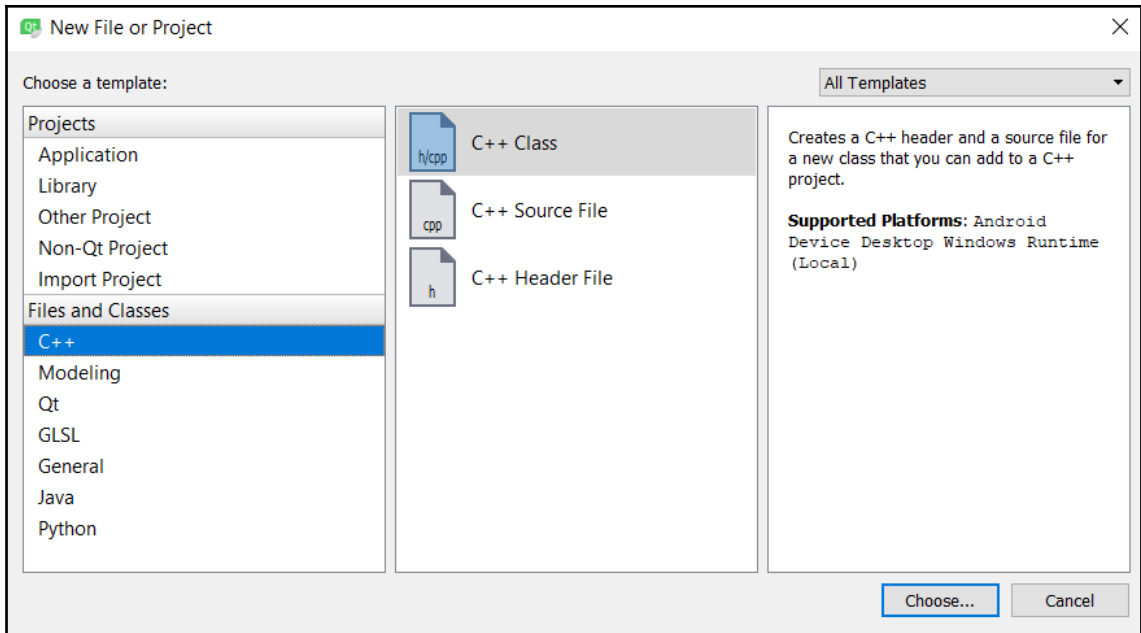


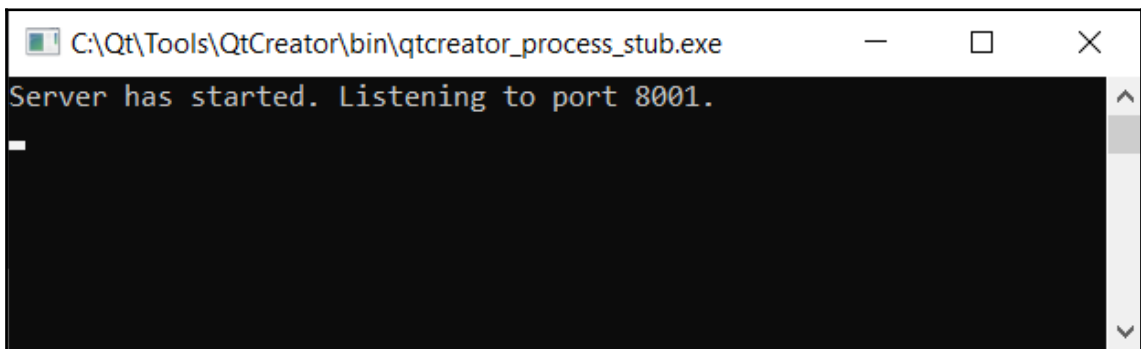
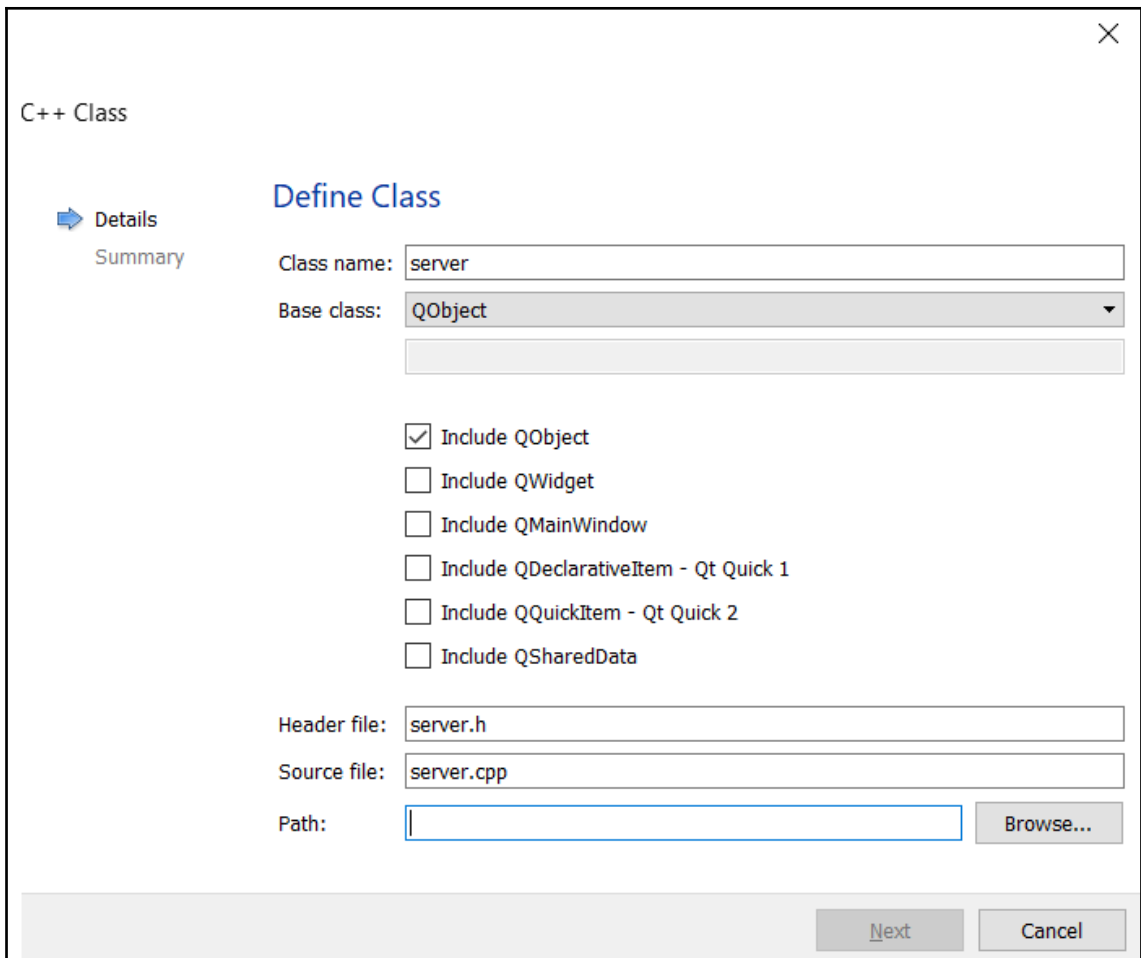


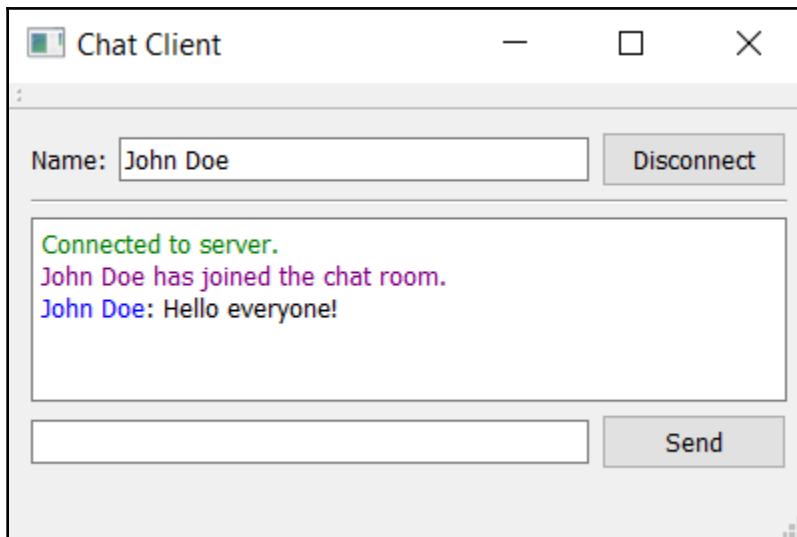
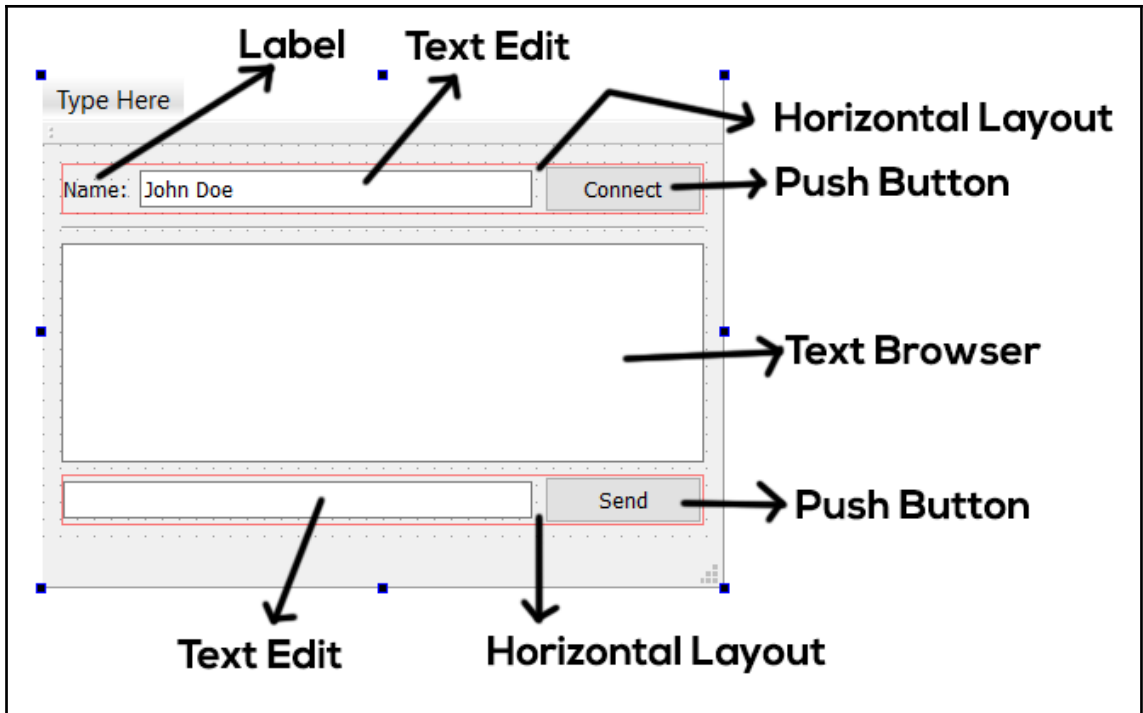


Chapter 6: Using Network and Managing Large Documents









```
C:\Qt\Tools\QtCreator\bin\qtcreator_process_stub.exe
Server has started. Listening to port 8001.
"Socket connected from ::ffff:127.0.0.1:54597"
"Message: <font color="Purple">John Doe has joined the chat room.</font> (::ffff:127.0.0.1:54597)"
"Message: <font color="Blue">John Doe</font>: Hello everyone! (::ffff:127.0.0.1:54597)"
"Socket state changed (::ffff:127.0.0.1:54597): The socket is about to close (data may still be waiting to be written)."
"Socket state changed (::ffff:127.0.0.1:54597): The socket is not connected."
"Socket disconnected from ::ffff:127.0.0.1:54597"
```

FileZilla The free FTP solution

Home

FileZilla

- Features
- Screenshots
- Download
- Documentation
- FileZilla Pro

FileZilla Server

- Download

Community

- Forum
- Project page
- Wiki

General

- FAQ
- Support
- Contact
- License
- Privacy Policy
- Trademark Policy

Overview

Welcome to the homepage of FileZilla®, the free FTP solution. The *FileZilla Client* not only supports FTP, but also free of charge under the terms of the GNU General Public License.

We are also offering *FileZilla Pro*, with additional protocol support for WebDAV, Amazon S3, Backblaze B2, Dropbox Storage, and Google Cloud Storage.

Last but not least, *FileZilla Server* is a free open source FTP and FTPS Server.

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 multiple platforms in the [FAQ](#).

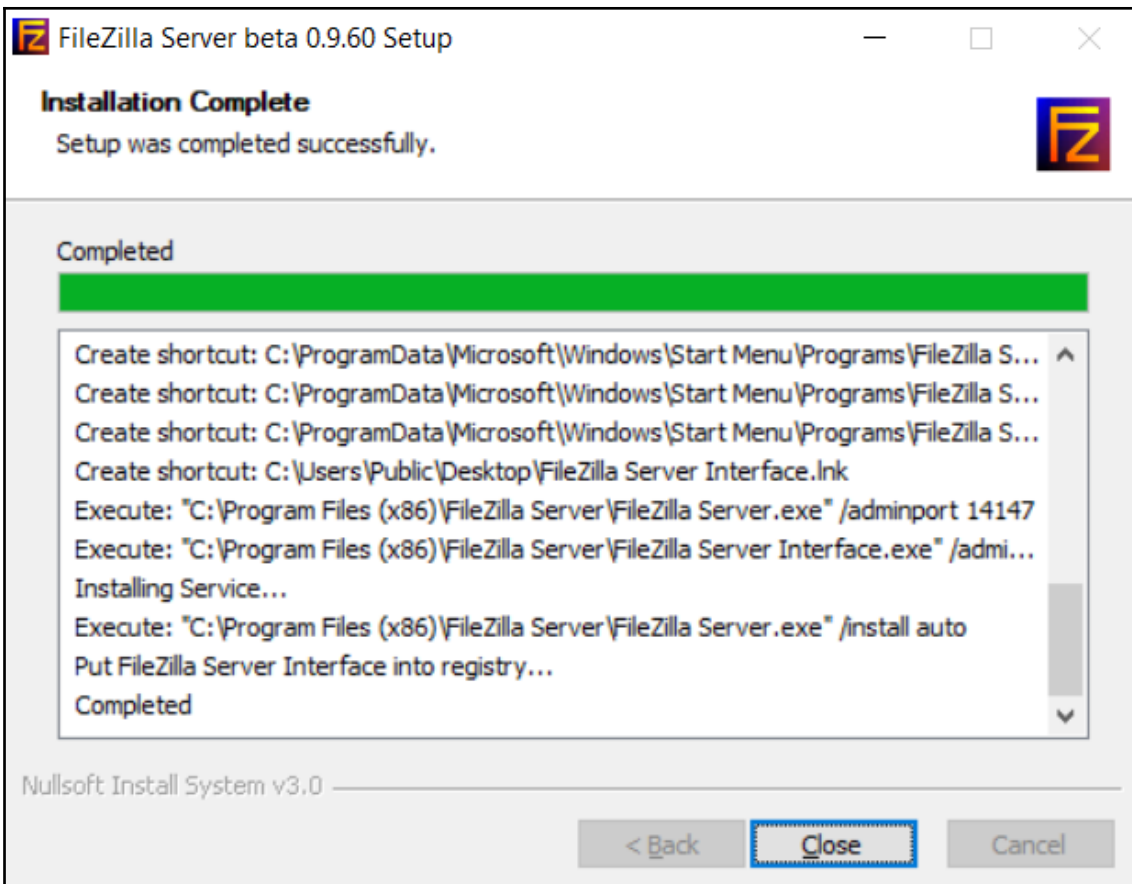
Quick download links

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 available for others.

News



Enter server to administrate - FileZilla Server ✕

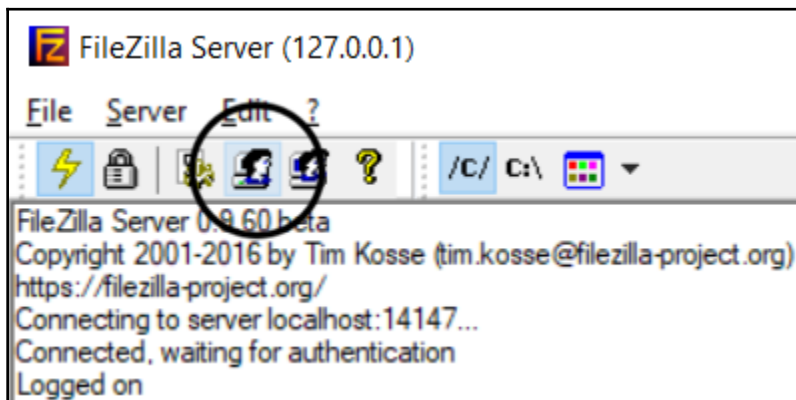
Please enter the address and port of the FileZilla Server installation you want to administrate.

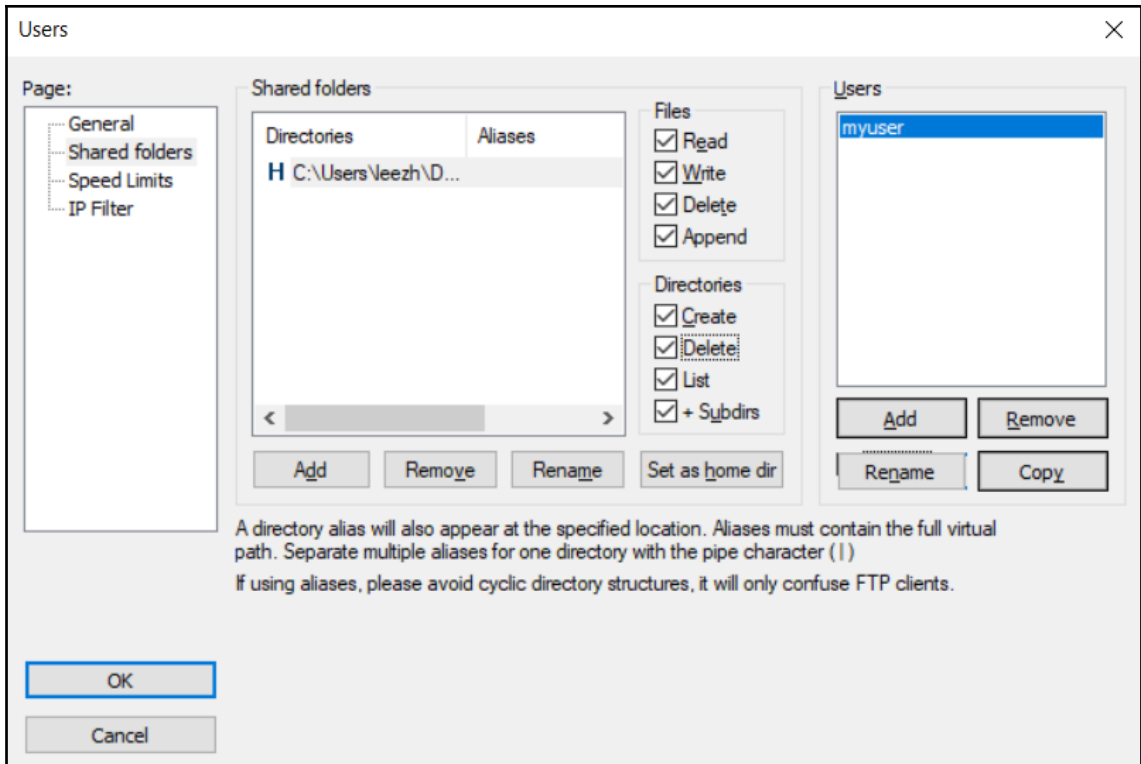
Host: Hostname or IP address. To refer to this computer, enter localhost.

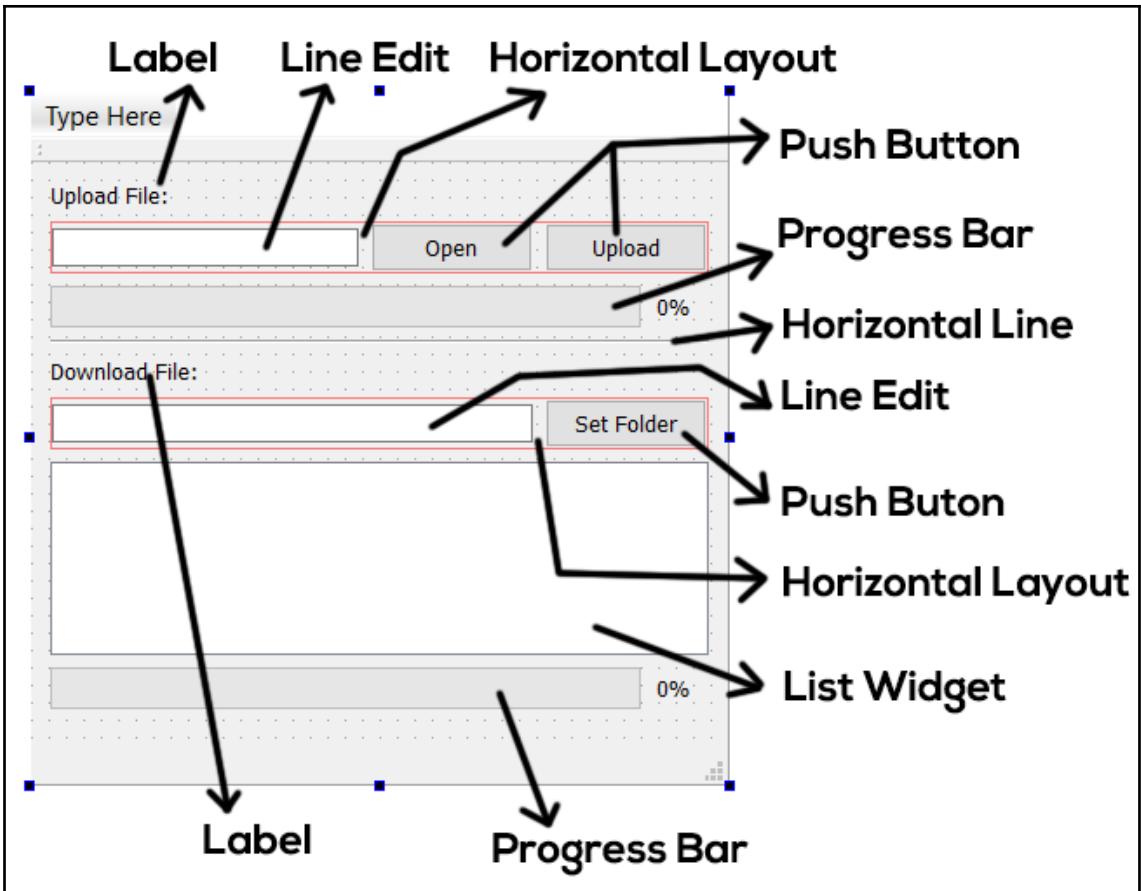
Port: Enter the administration port (14147 by default), not the FTP port.

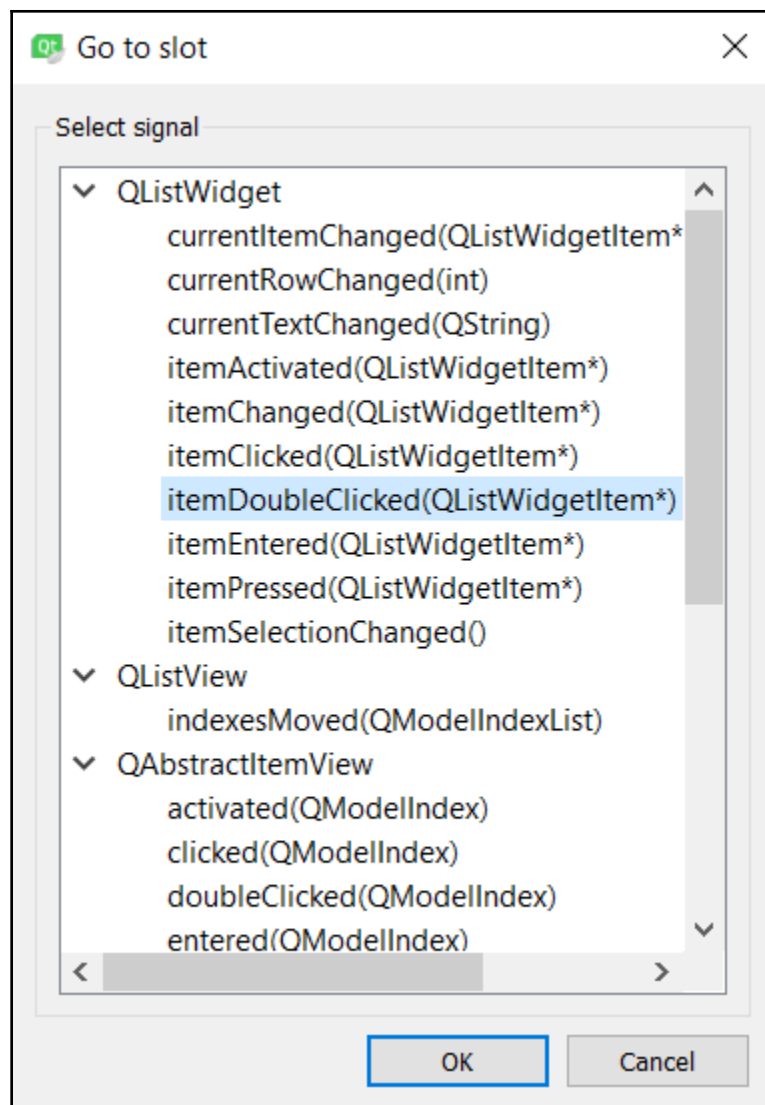
Password:

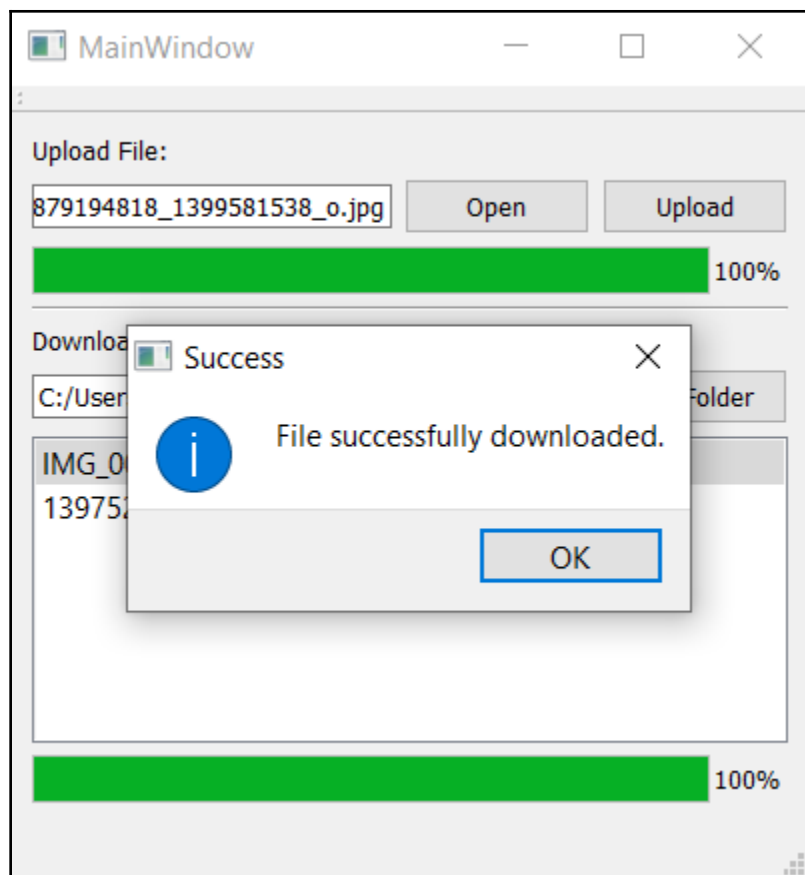
Always connect to this server



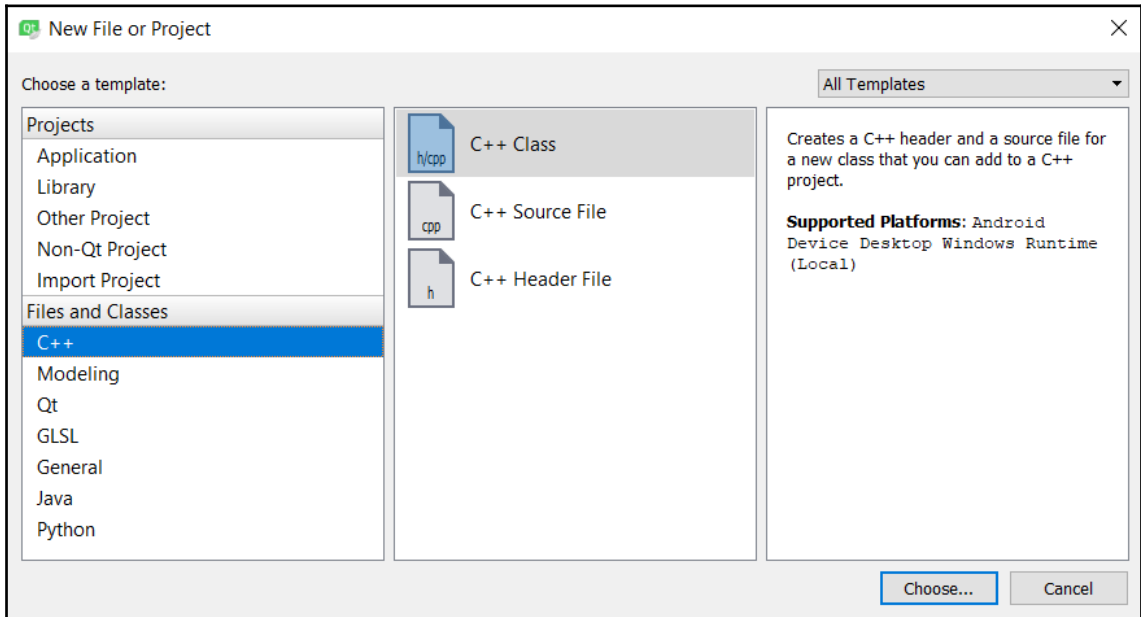








Chapter 7: Threading Basics - Asynchronous Programming



C++ Class

Details
Summary

Define Class

Class name:

Base class:

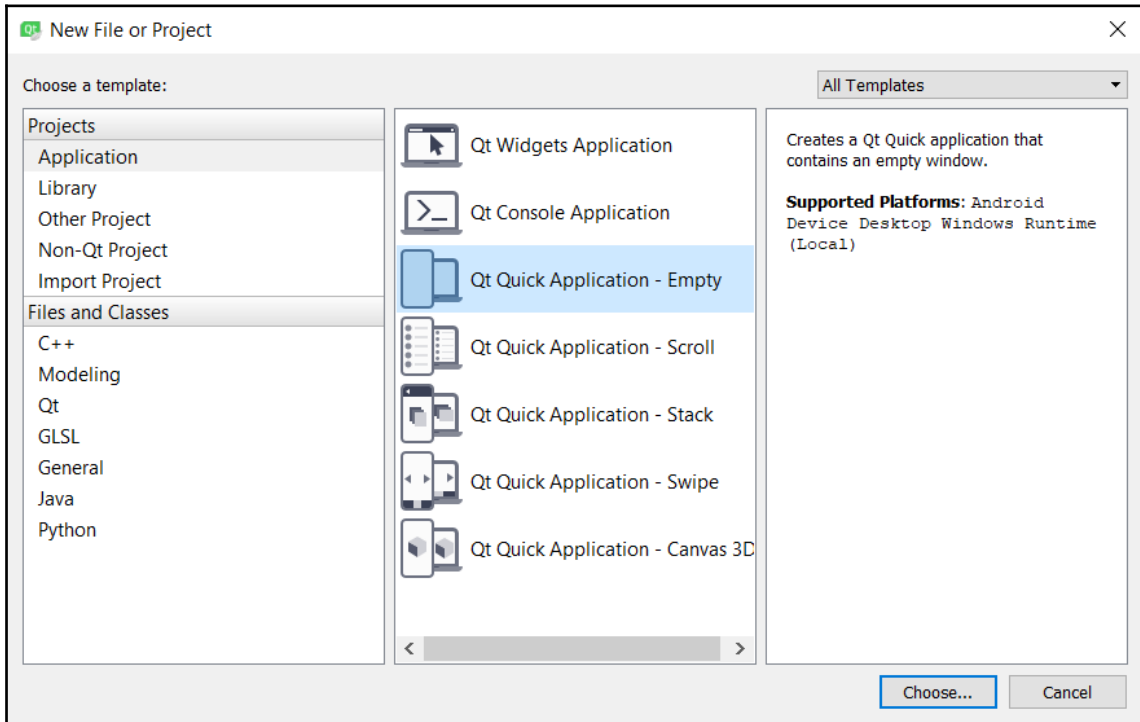
Include QObject
 Include QWidget
 Include QMainWindow
 Include QDeclarativeItem - Qt Quick 1
 Include QQuickItem - Qt Quick 2
 Include QSharedData

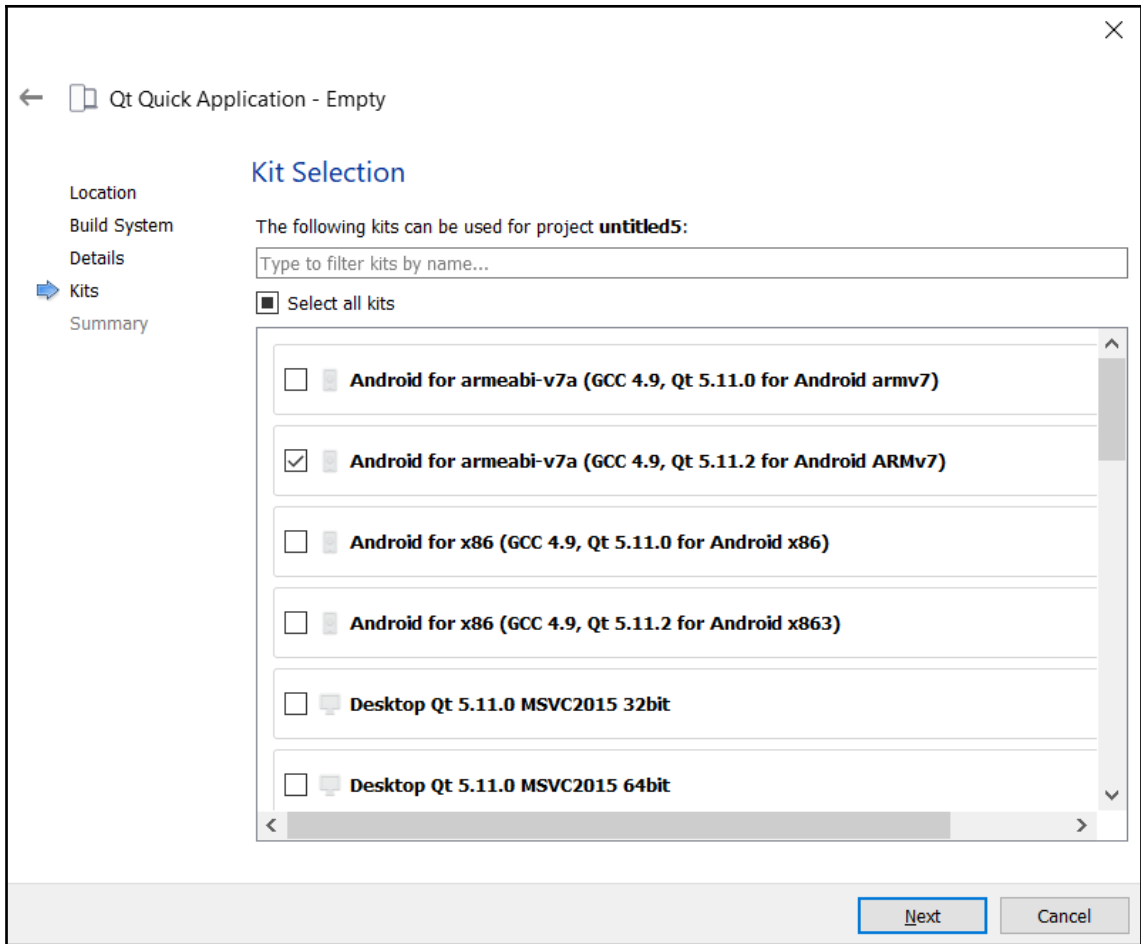
Header file:

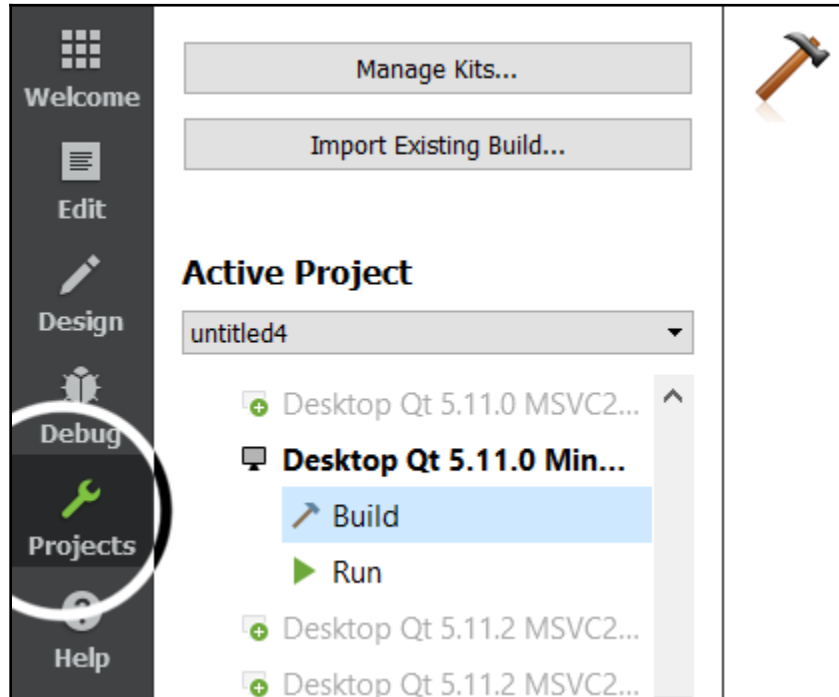
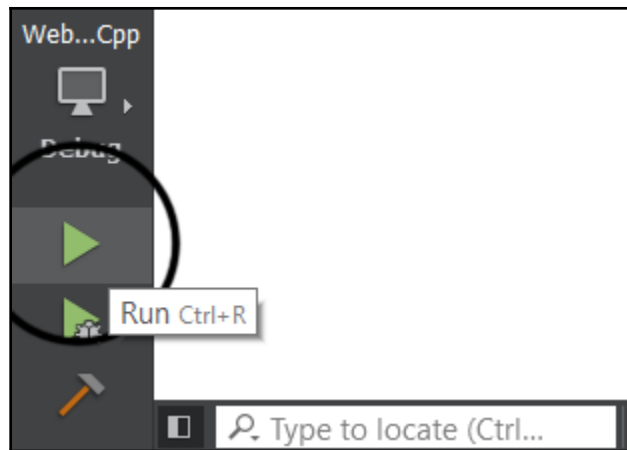
Source file:

Path:

Chapter 8: Building a Touch Screen Application with Qt5







Active Project
untitled4

Build & Run

- Android for armeabi-v7a ...
- Android for armeabi-v7...**
 - Build
 - Run
- Android for armeabi-v7a ...
- Android for x86 (GCC 4.9,...
- Android for x86 (GCC 4.9,...
- Android for x86 (GCC 4.9,...
- Desktop Qt 5.11.0 MSVC2...
- Desktop Qt 5.11.0 MSVC2...
- Desktop Qt 5.11.0 MSVC2...
- Desktop Qt 5.11.0 MinGW...
- Build
- Run
- Desktop Qt 5.11.2 MSVC2...
- Desktop Qt 5.11.2 MSVC2...
- Desktop Qt 5.11.2 MSVC2...
- Desktop Qt 5.11.2 MinGW...
- Desktop Qt 5.9.1 MSVC20...

Build Android APK Details ▲

Application

Android build SDK: android-27

Sign package

Keystore: Browse... Create...

Sign package

Certificate alias:

Advanced Actions

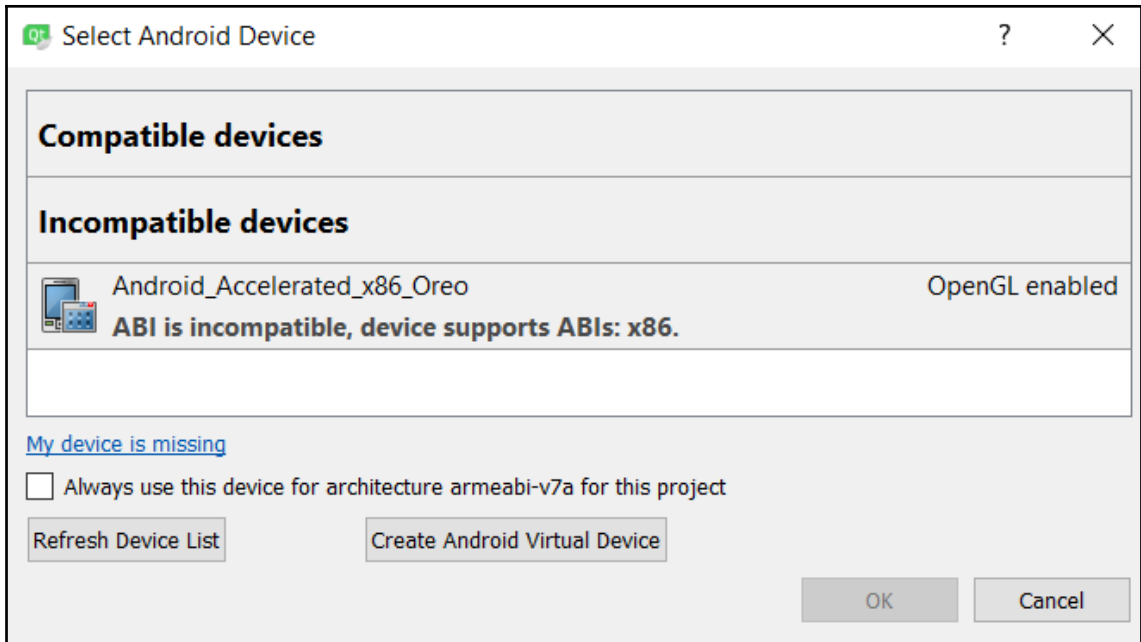
- Open package location after build
- Verbose output
- Add debug server
- Use Ministro service to install Qt

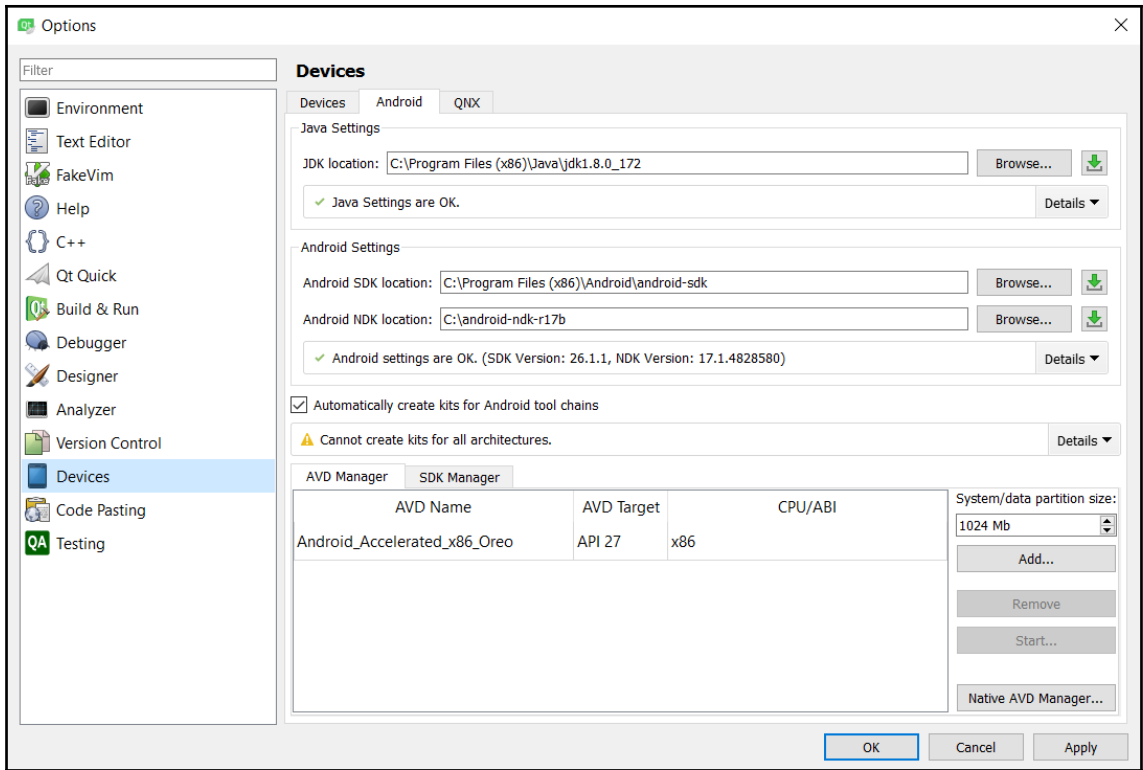
Android

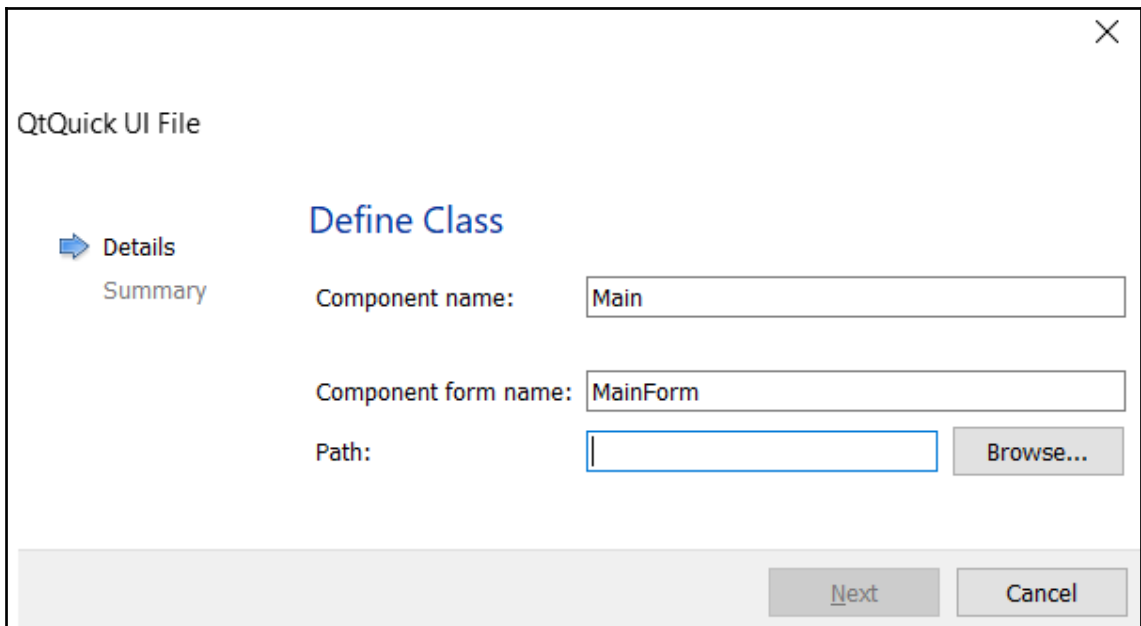
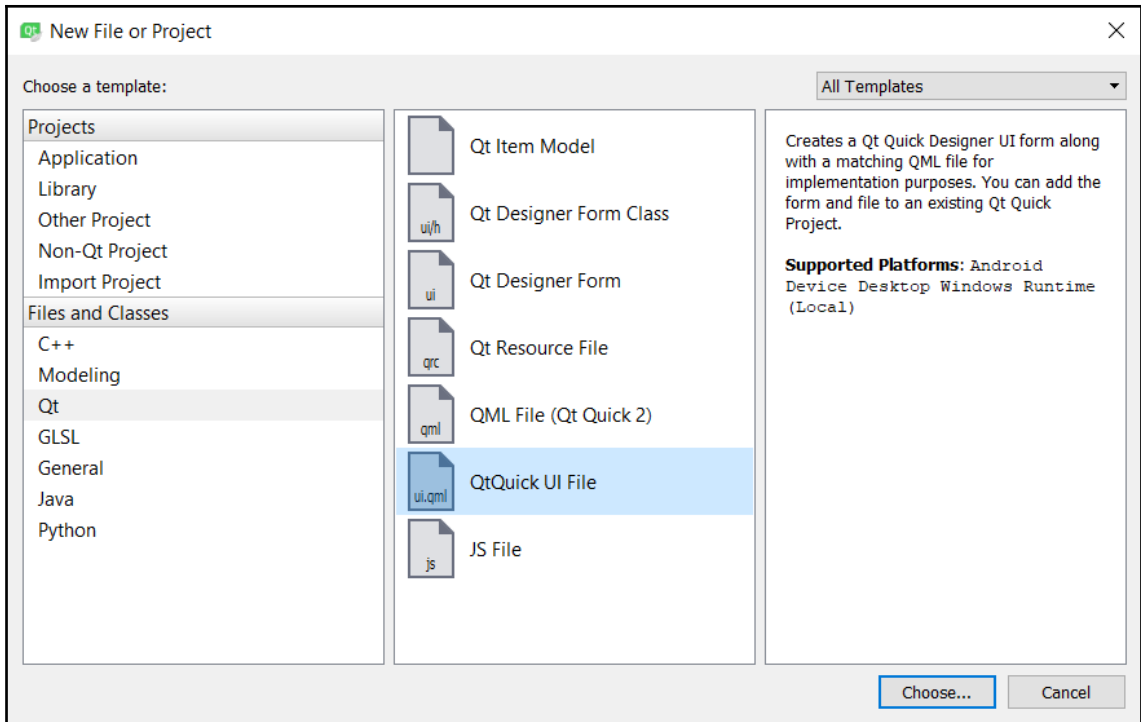
Create Templates

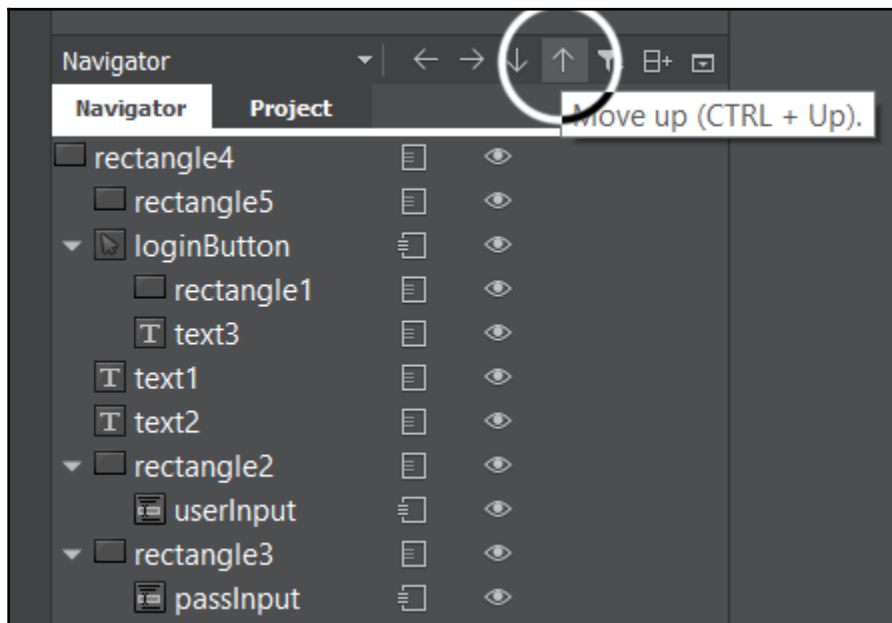
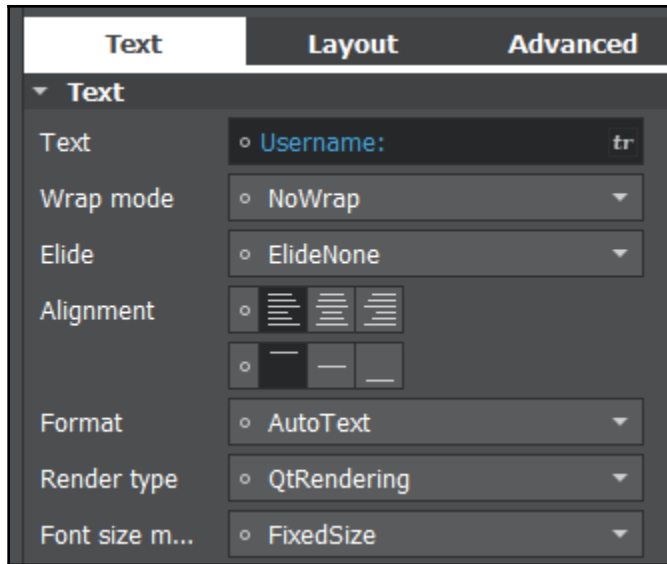
Additional Libraries

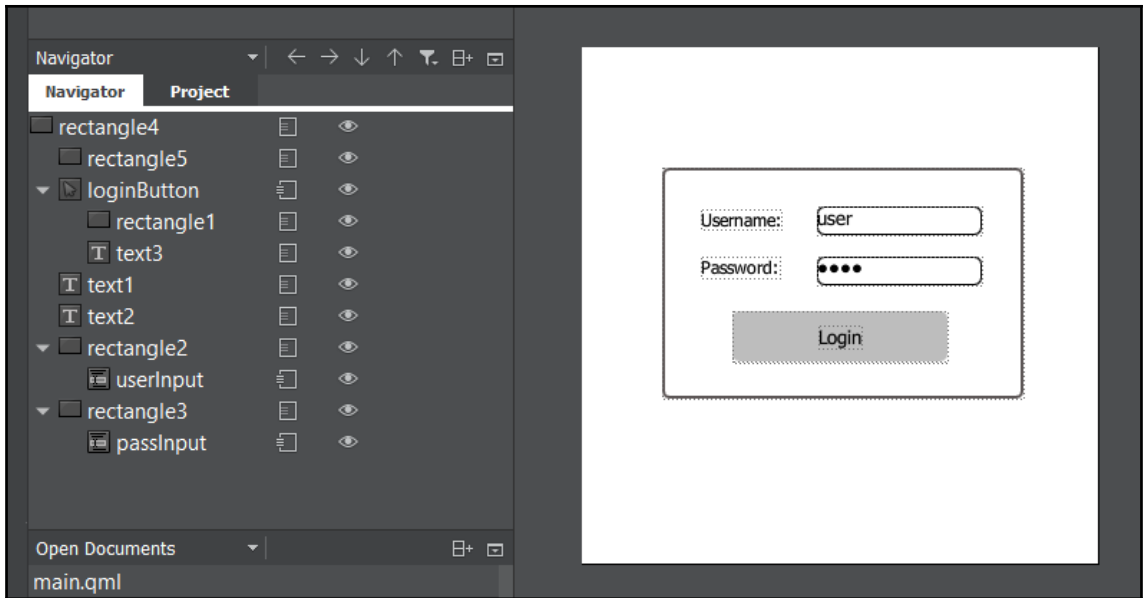
Add... Remove

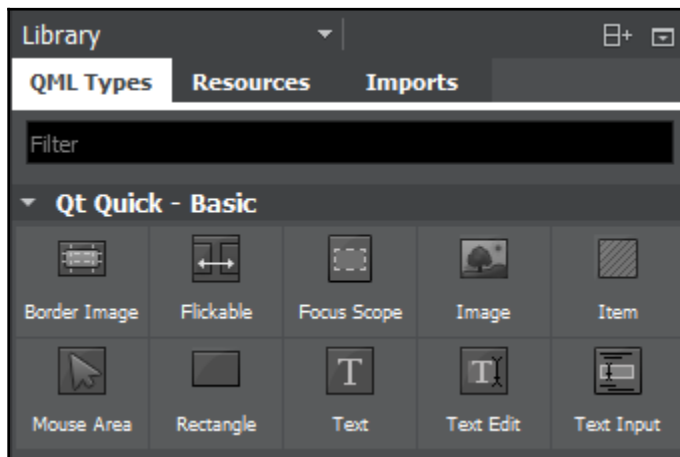
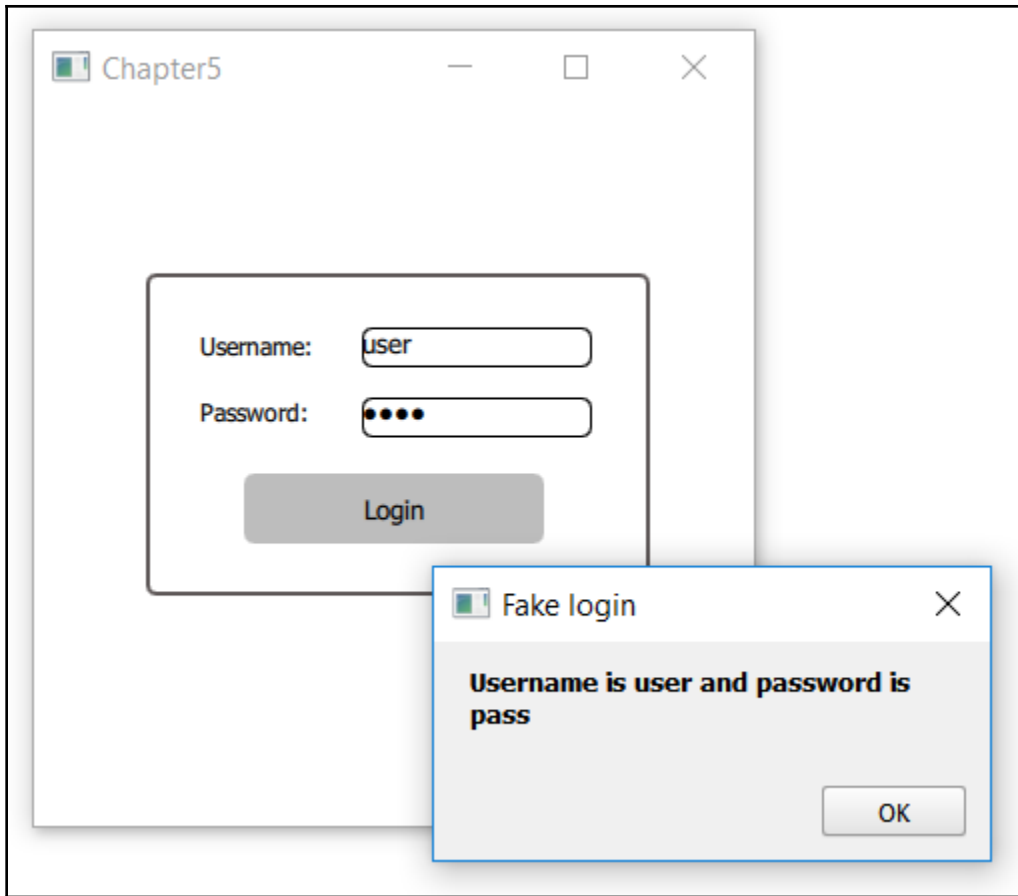


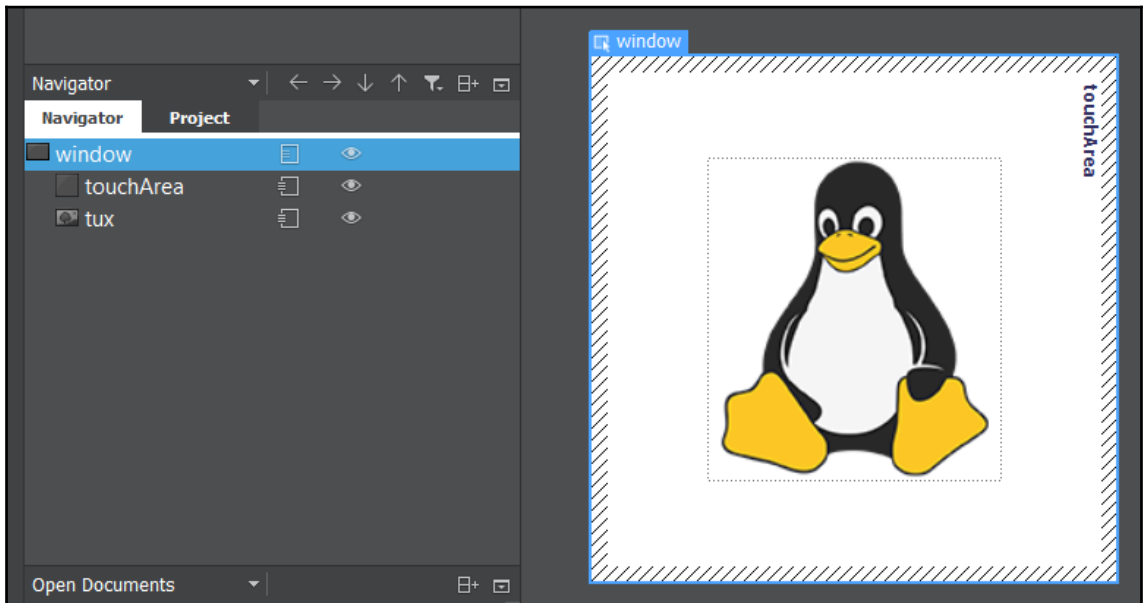
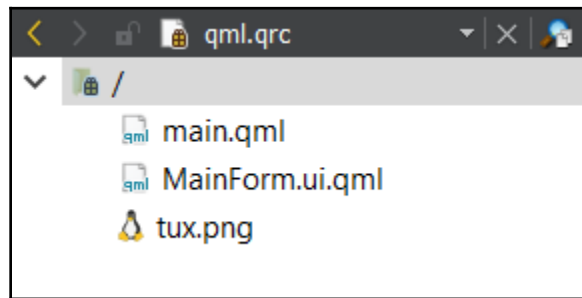
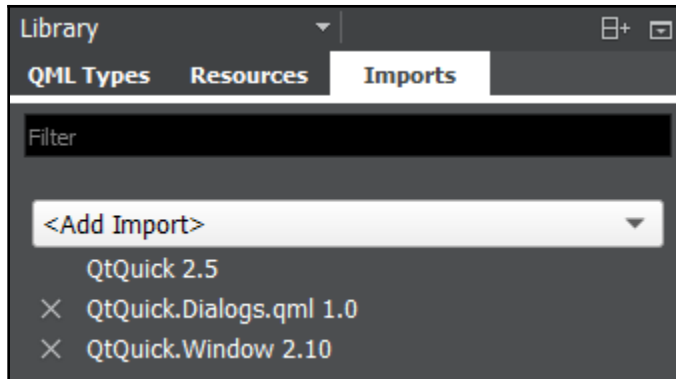


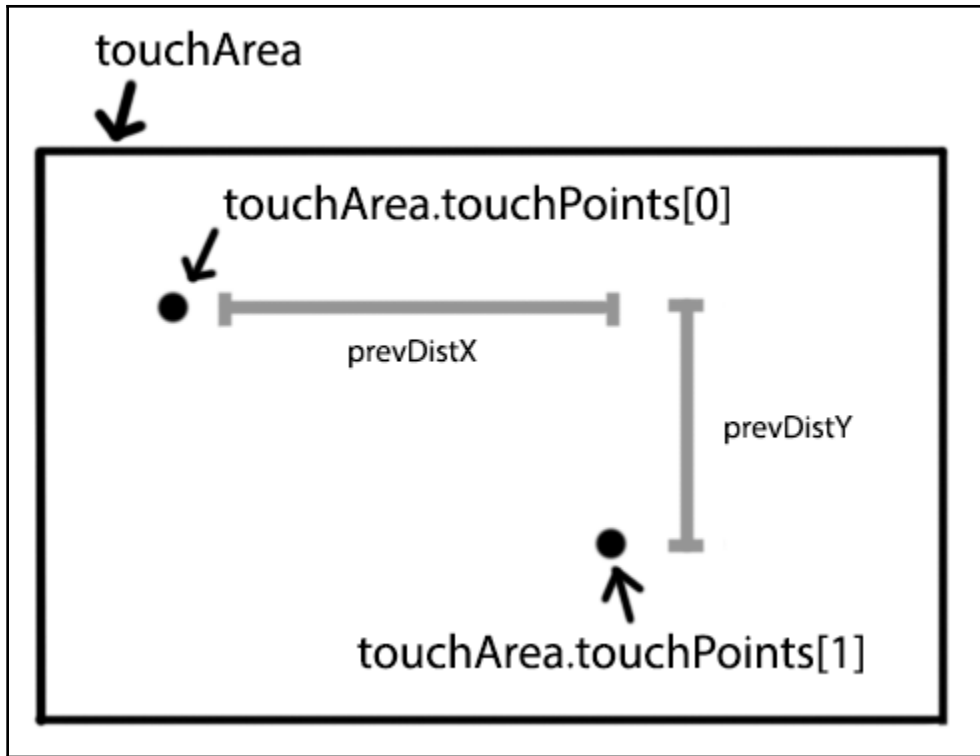








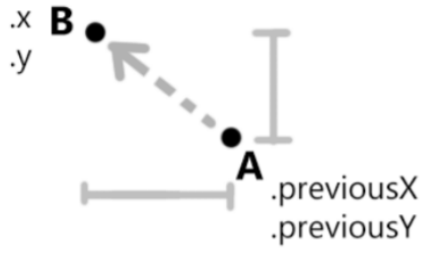




touchArea



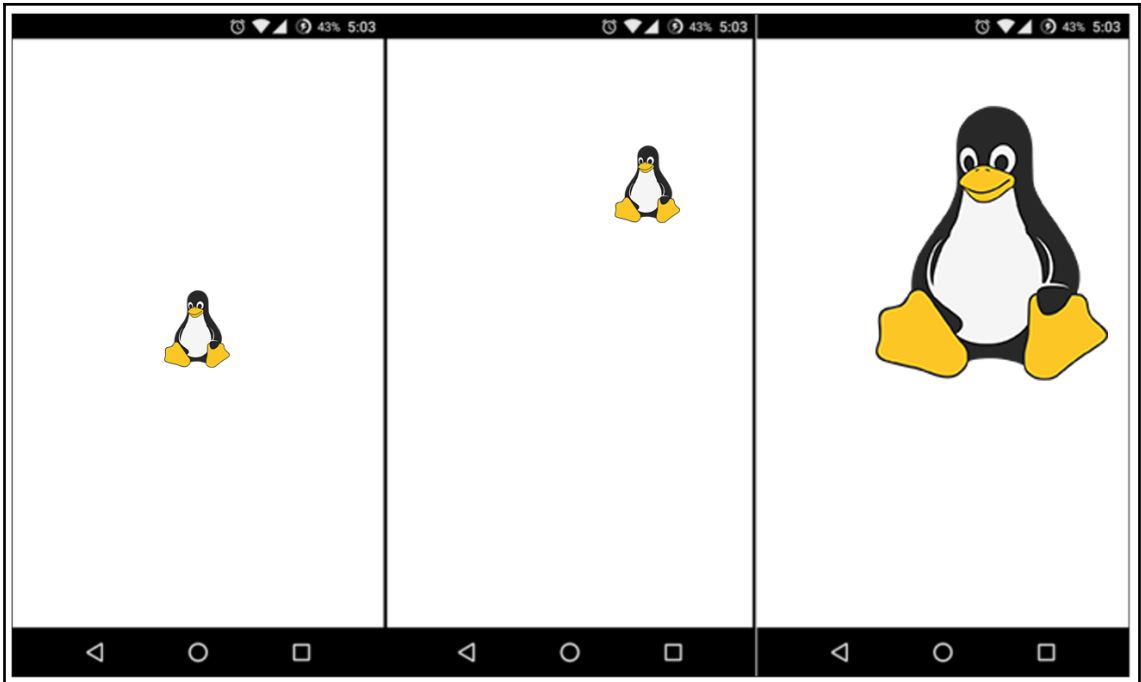
touchArea.touchPoints[0] (moving from A to B)



.previousX
.previousY



touchArea.touchPoints[1] (moving from C to D)

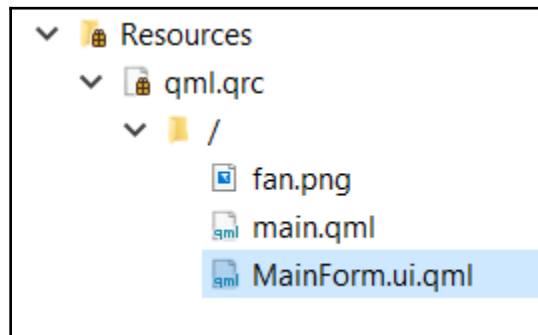
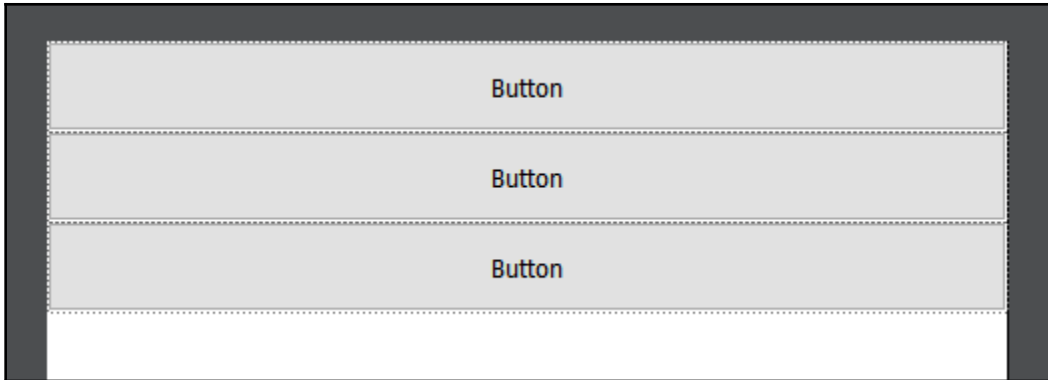


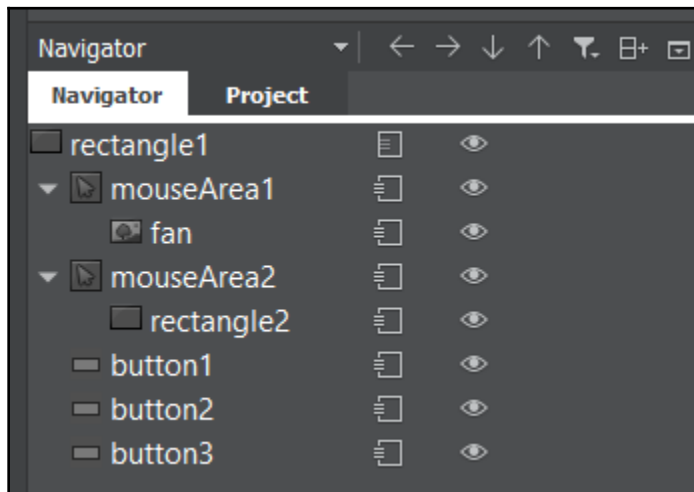
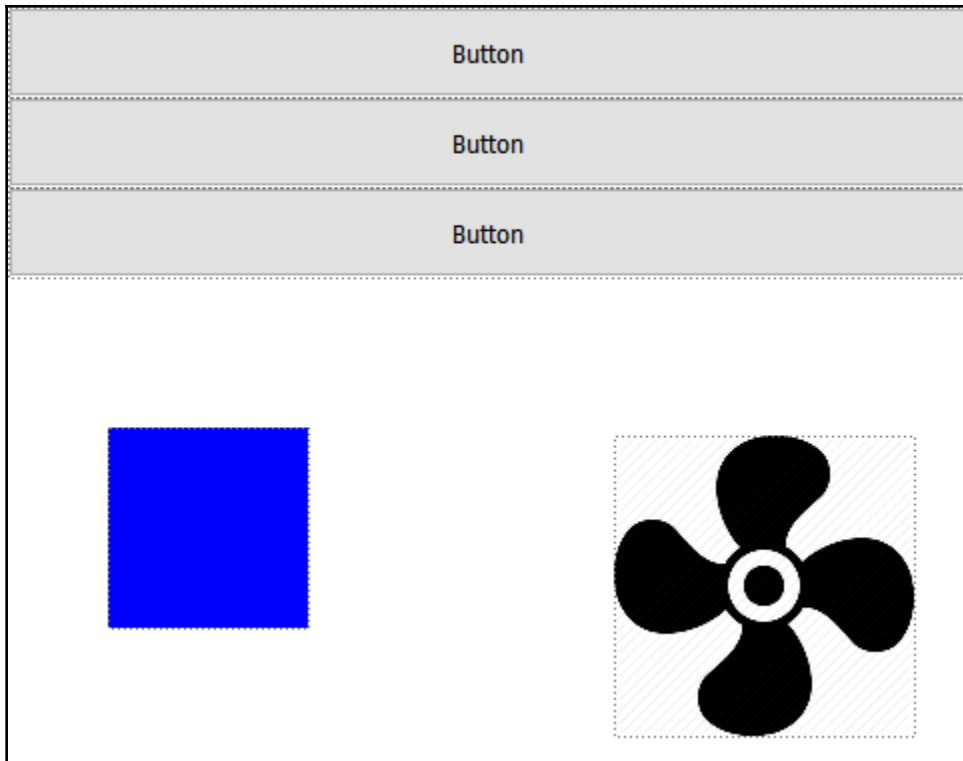
1. onPressed

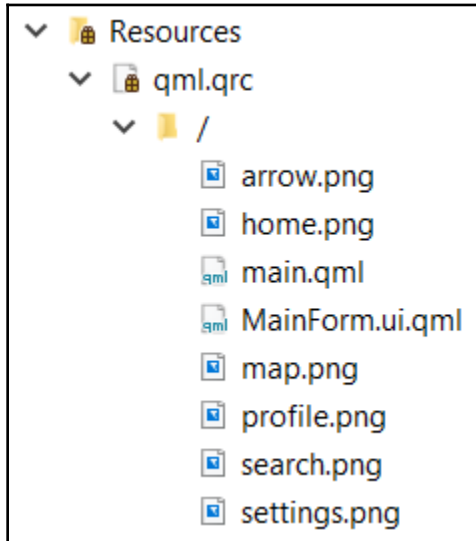
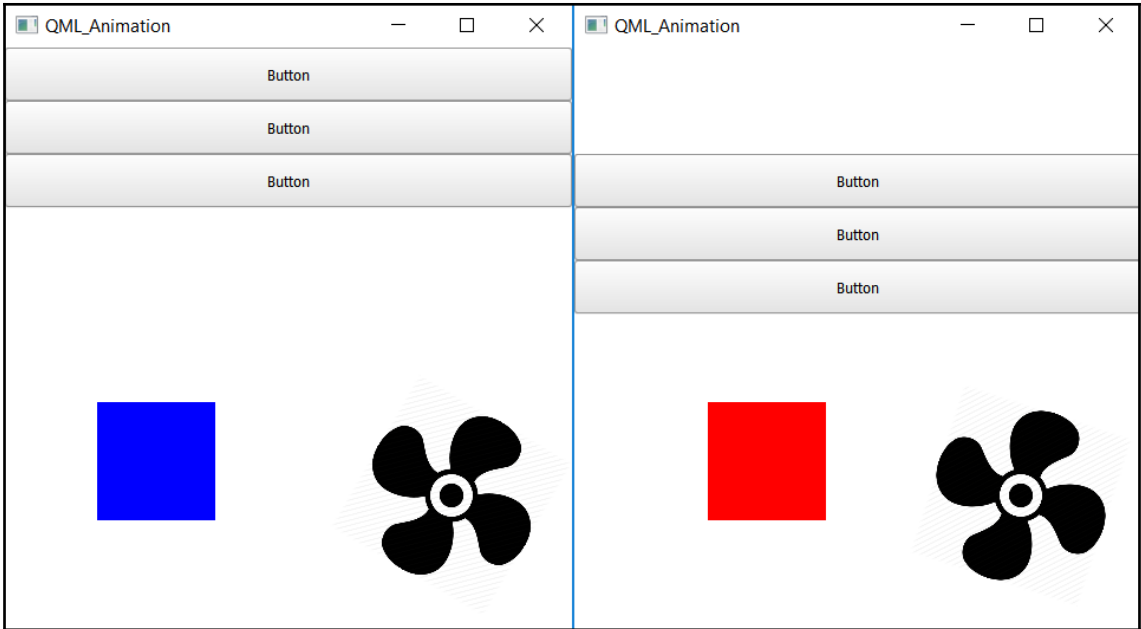


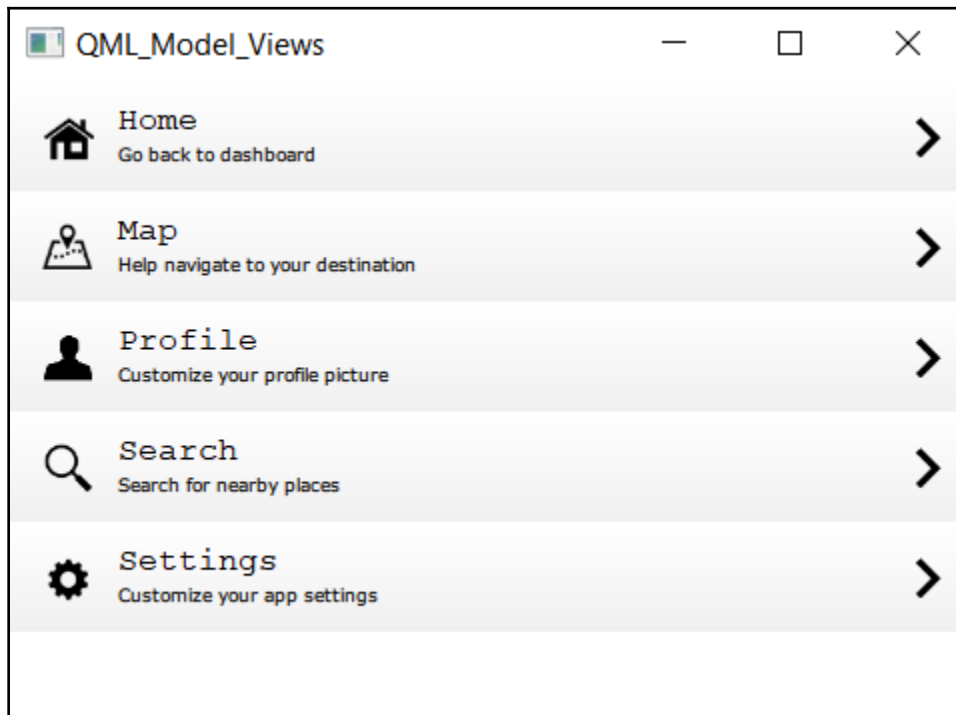
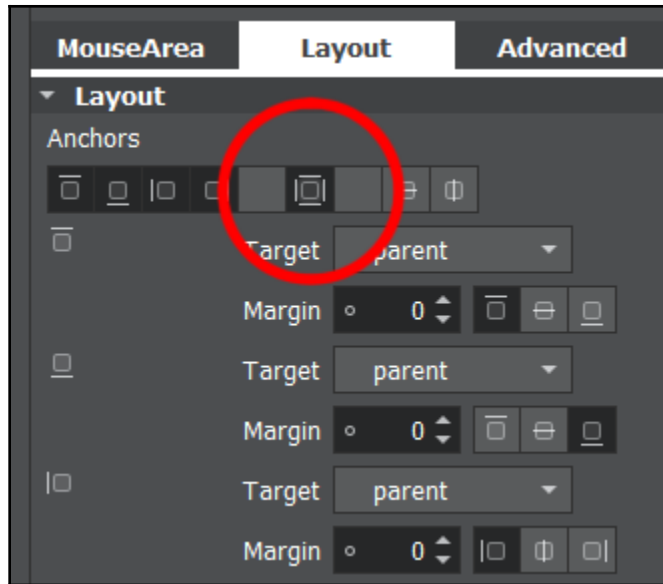
2. onUpdated

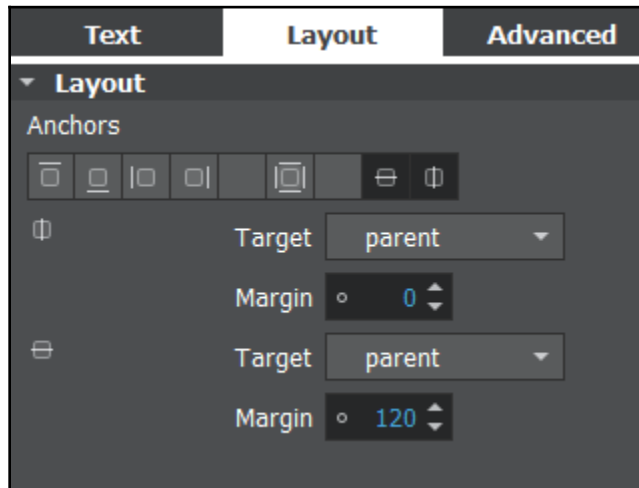
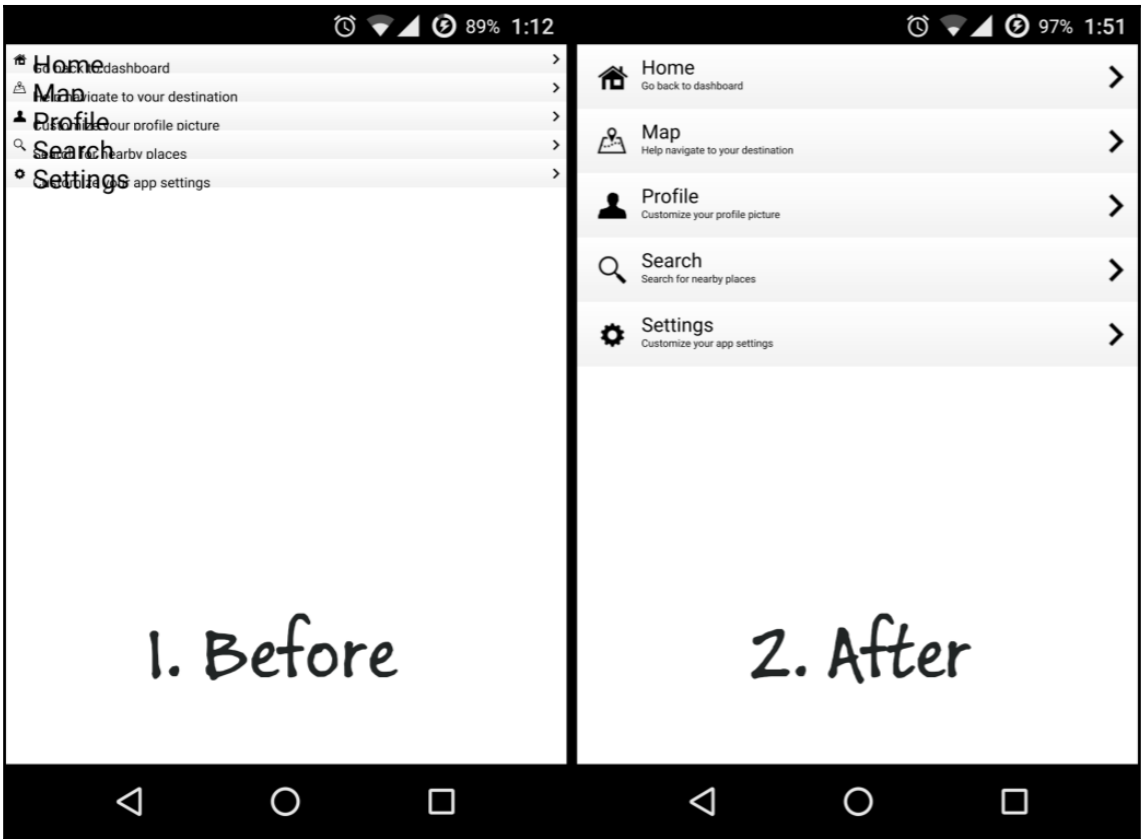


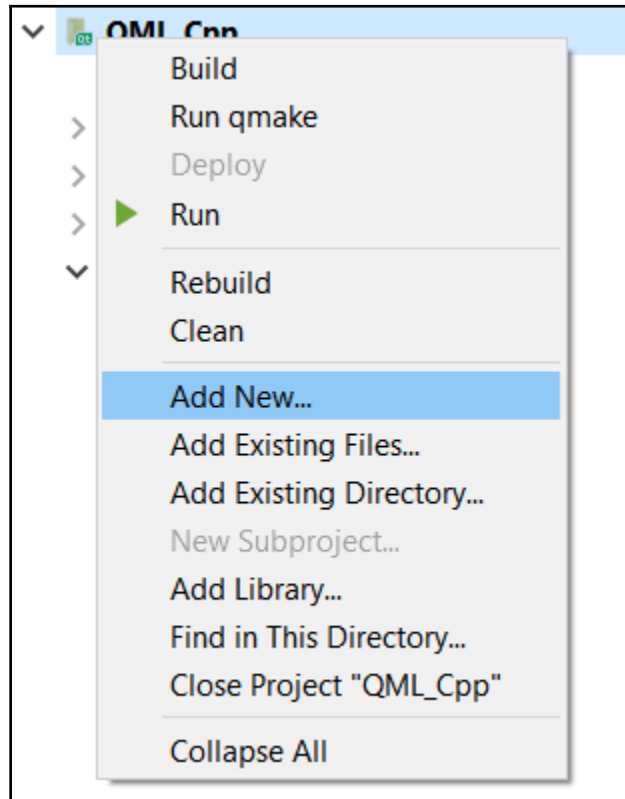
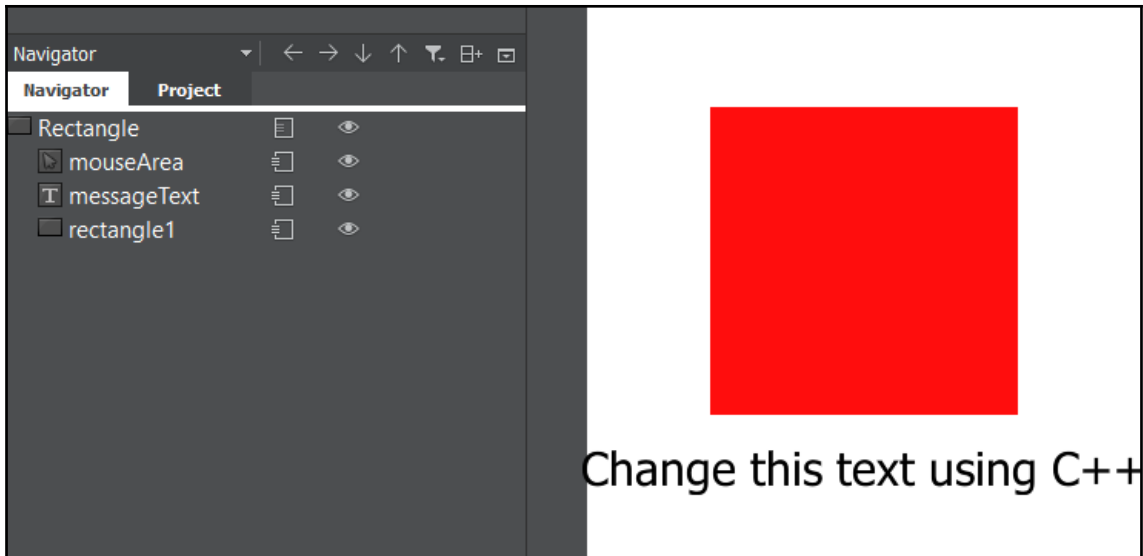






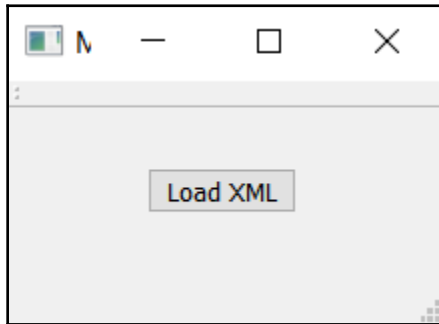
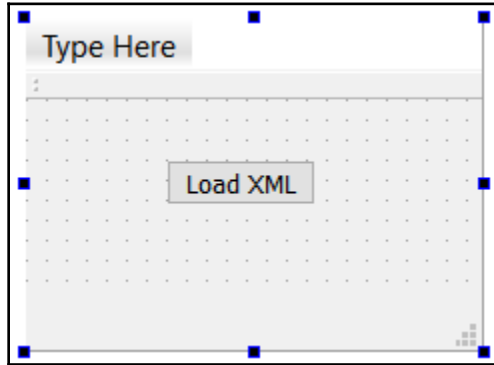




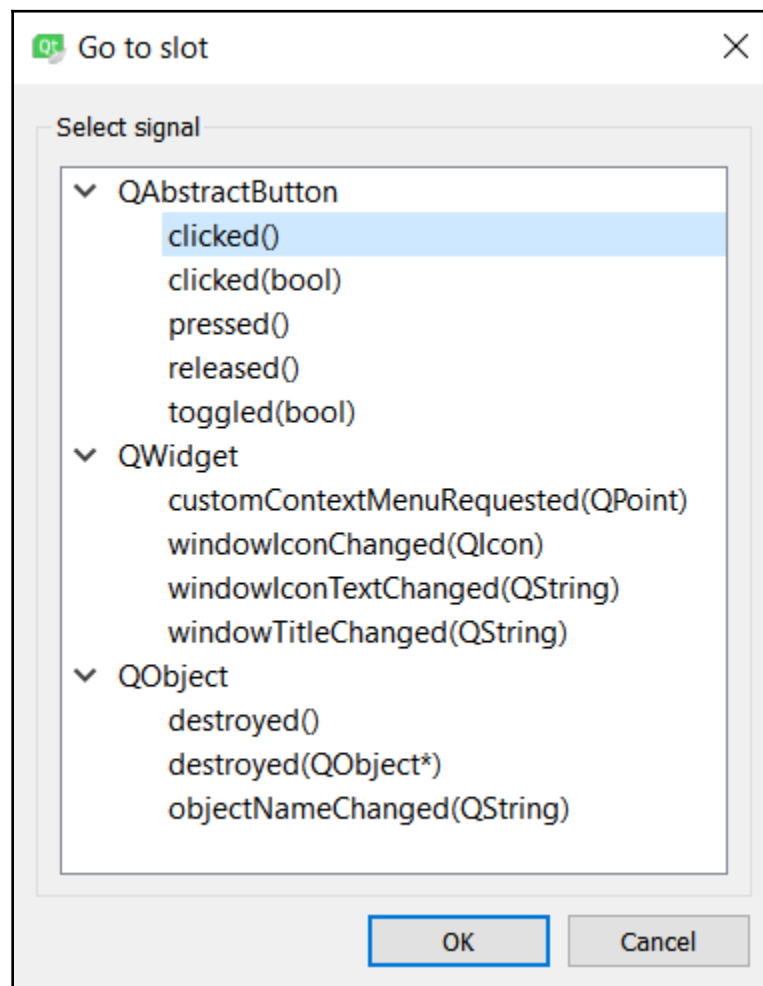
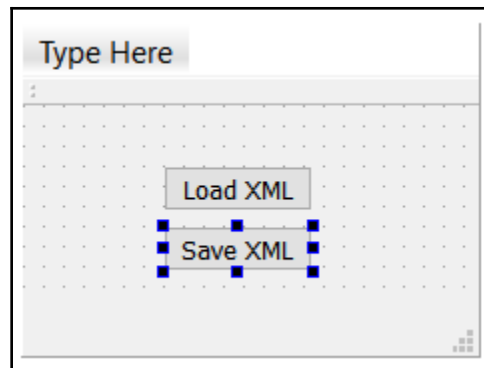


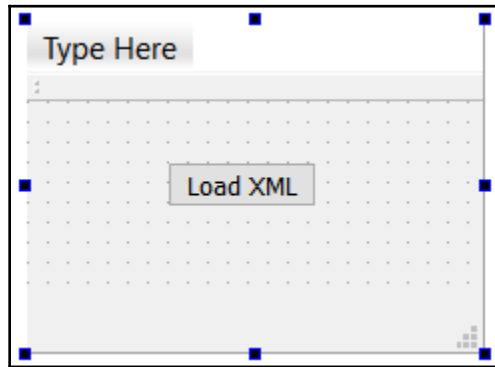
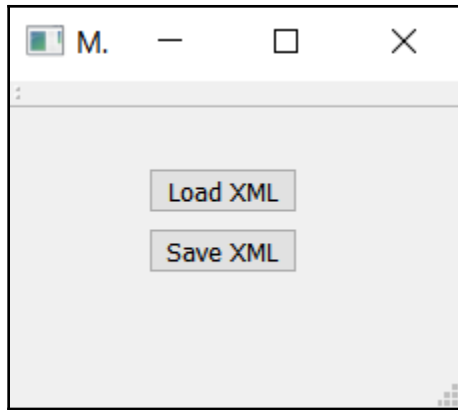


Chapter 9: XML Parsing Made Easy



```
[Object]=====
"tag" "building"
"name" "Library"
"position" "120.0,0.0,50.68"
"rotation" "0.0,0.0,0.0"
"scale" "1.0,1.0,1.0"
=====
[Object]=====
"tag" "building"
"name" "Town Hall"
"position" "80.2,0.0,20.5"
"rotation" "0.0,0.0,0.0"
"scale" "1.0,1.0,1.0"
=====
[Object]=====
"tag" "prop"
"name" "Tree"
"position" "10.46,-0.2,80.2"
"rotation" "0.0,0.0,0.0"
"scale" "1.0,1.0,1.0"
=====
```

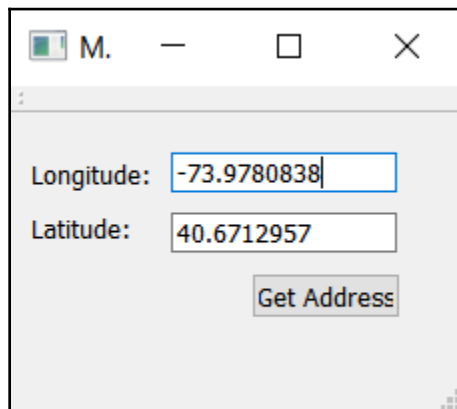
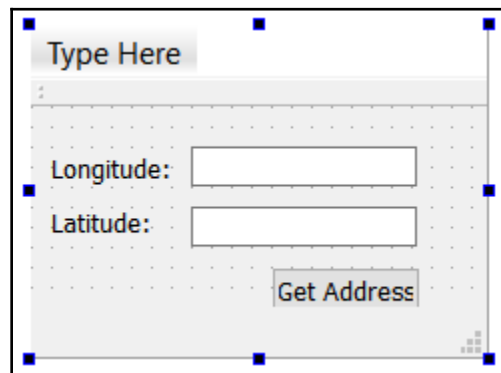
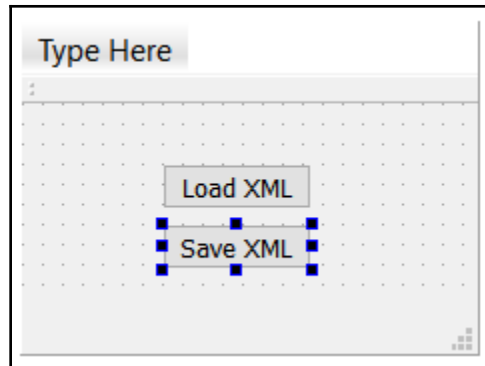




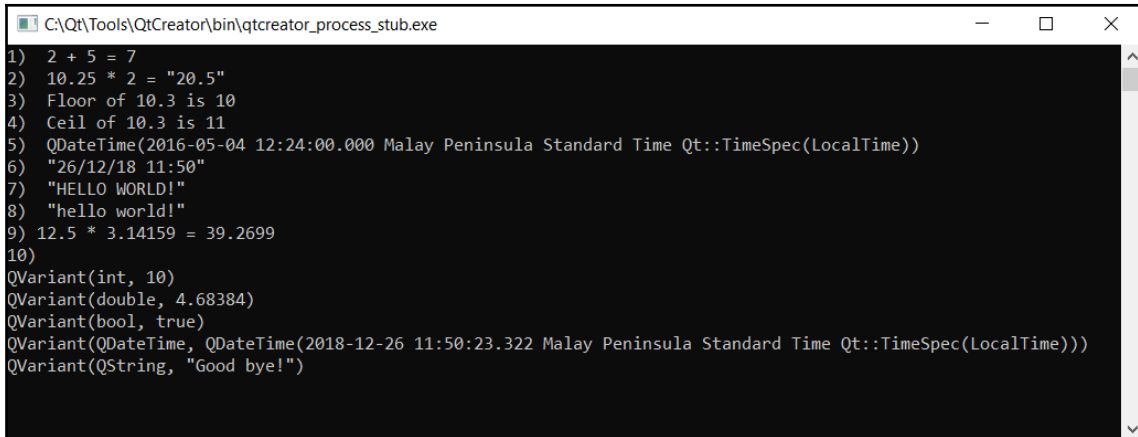
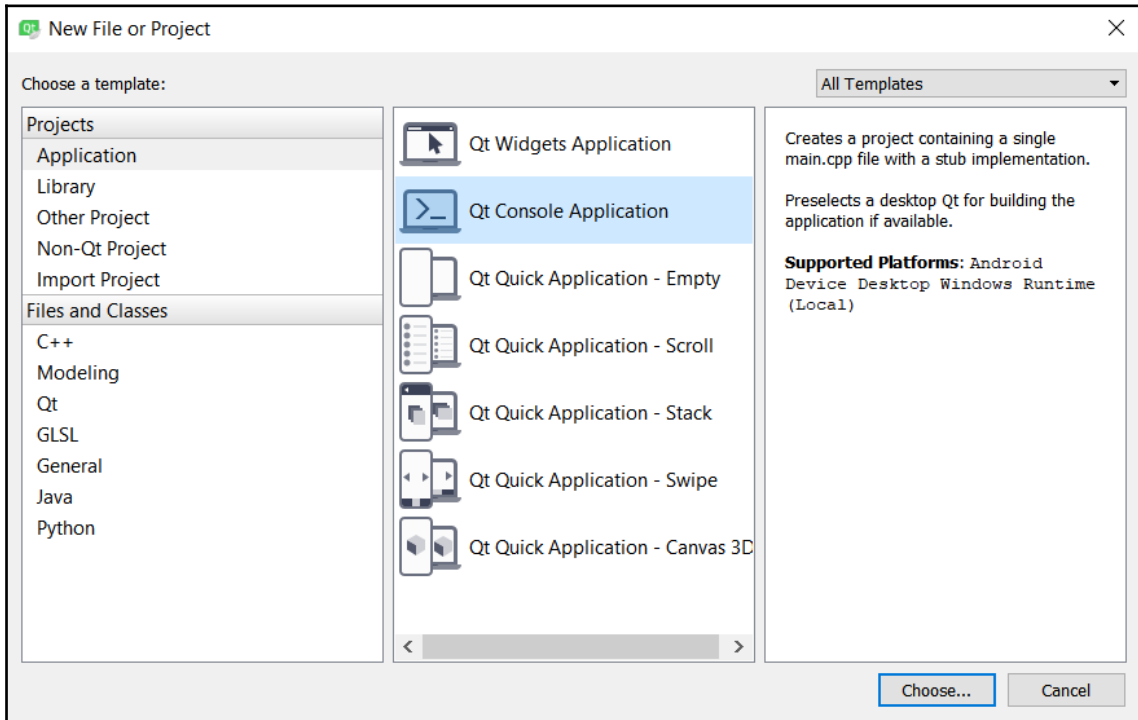
```
[Object]=====
"tag" "building"
"name" "Library"
"position" "120.0,0.0,50.68"
"rotation" "0.0,0.0,0.0"
"scale" "1.0,1.0,1.0"
=====
```

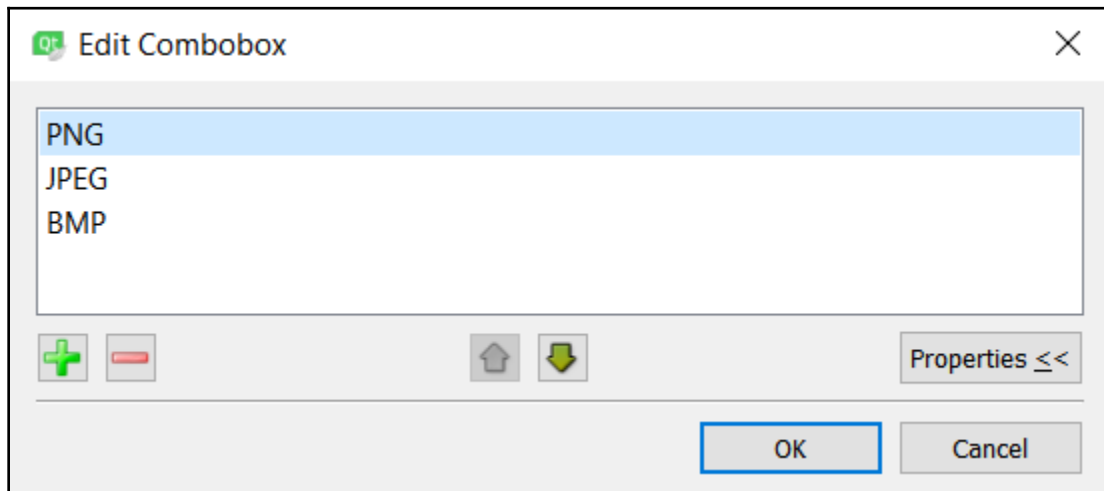
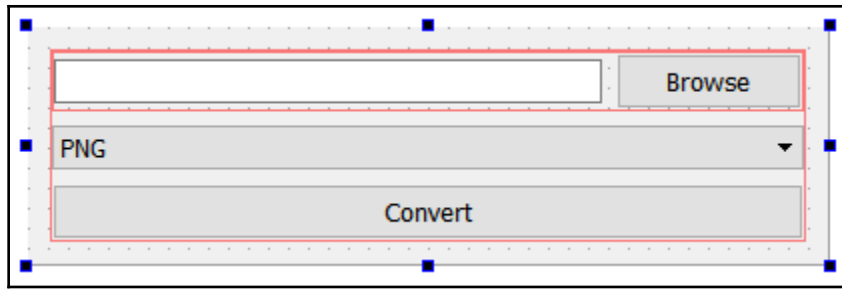
```
[Object]=====
"tag" "building"
"name" "Town Hall"
"position" "80.2,0.0,20.5"
"rotation" "0.0,0.0,0.0"
"scale" "1.0,1.0,1.0"
=====
```

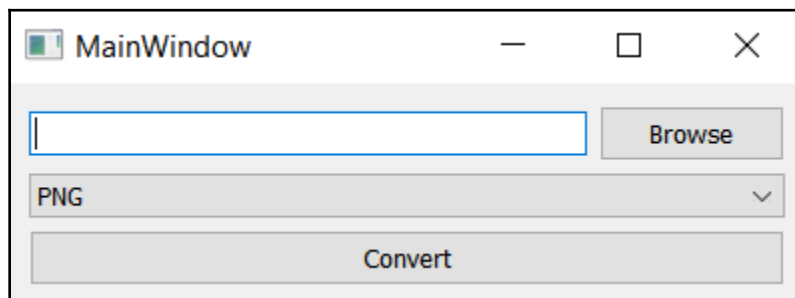
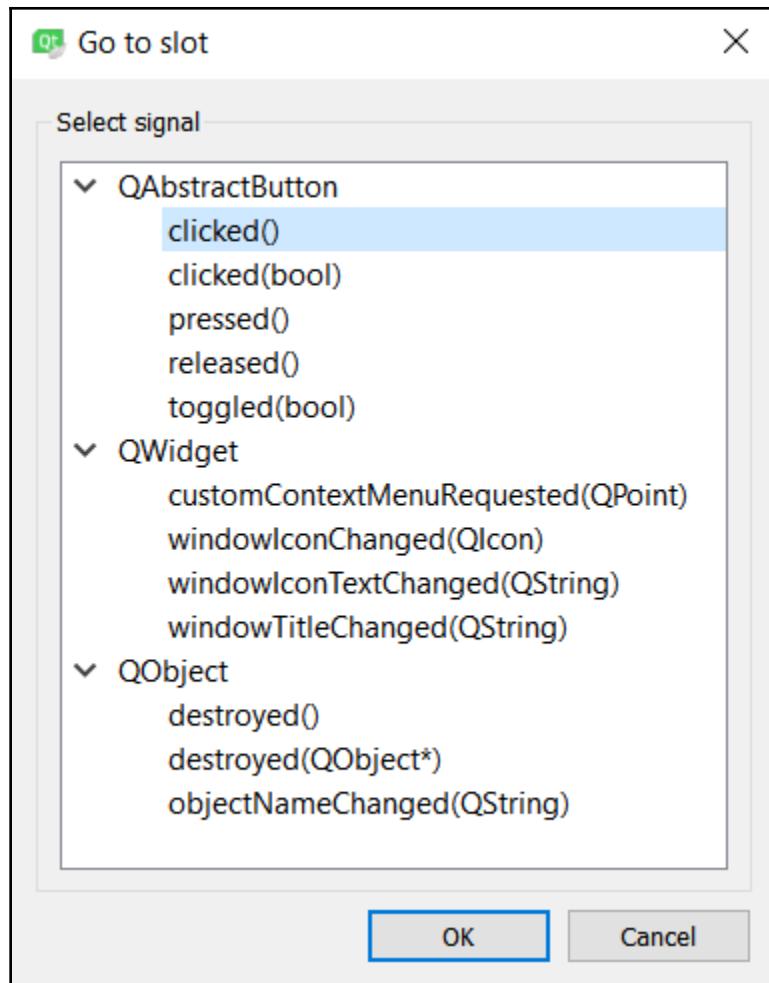
```
[Object]=====
"tag" "prop"
"name" "Tree"
"position" "10.46,-0.2,80.2"
"rotation" "0.0,0.0,0.0"
"scale" "1.0,1.0,1.0"
=====
```

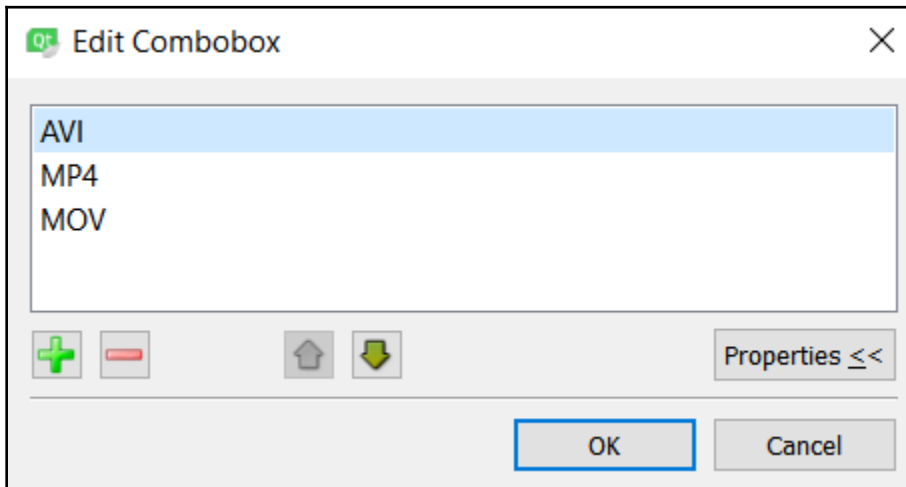
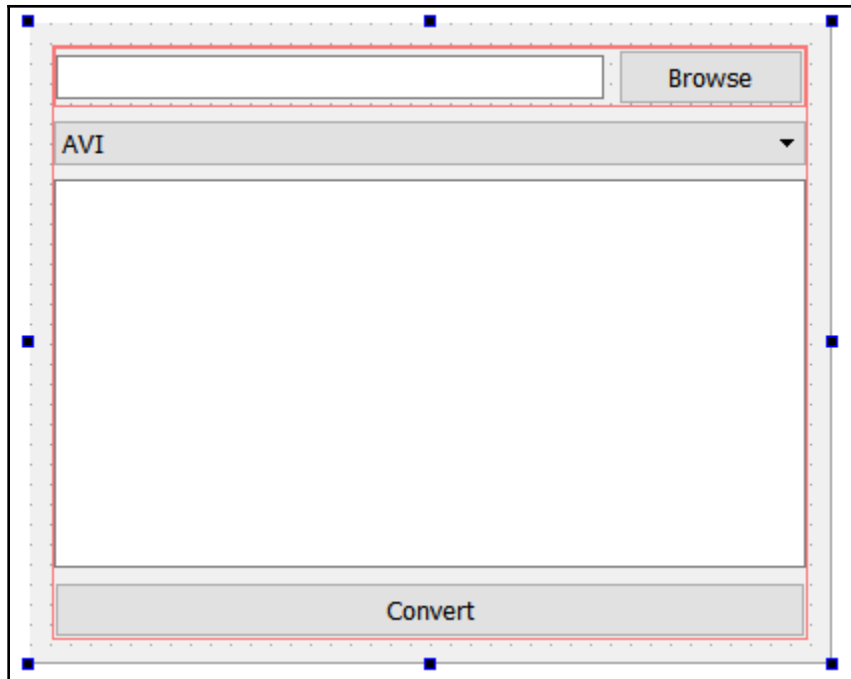


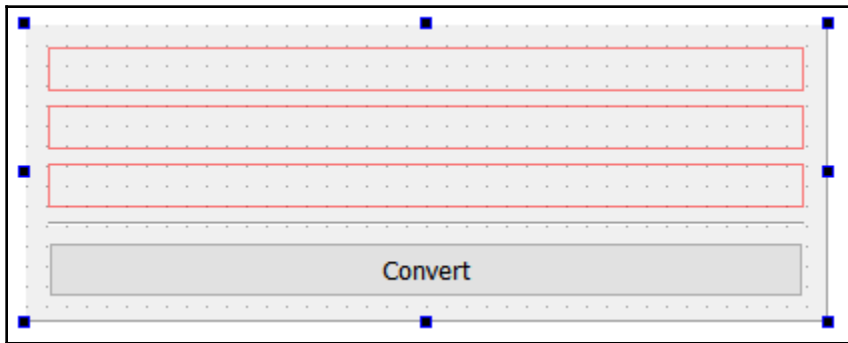
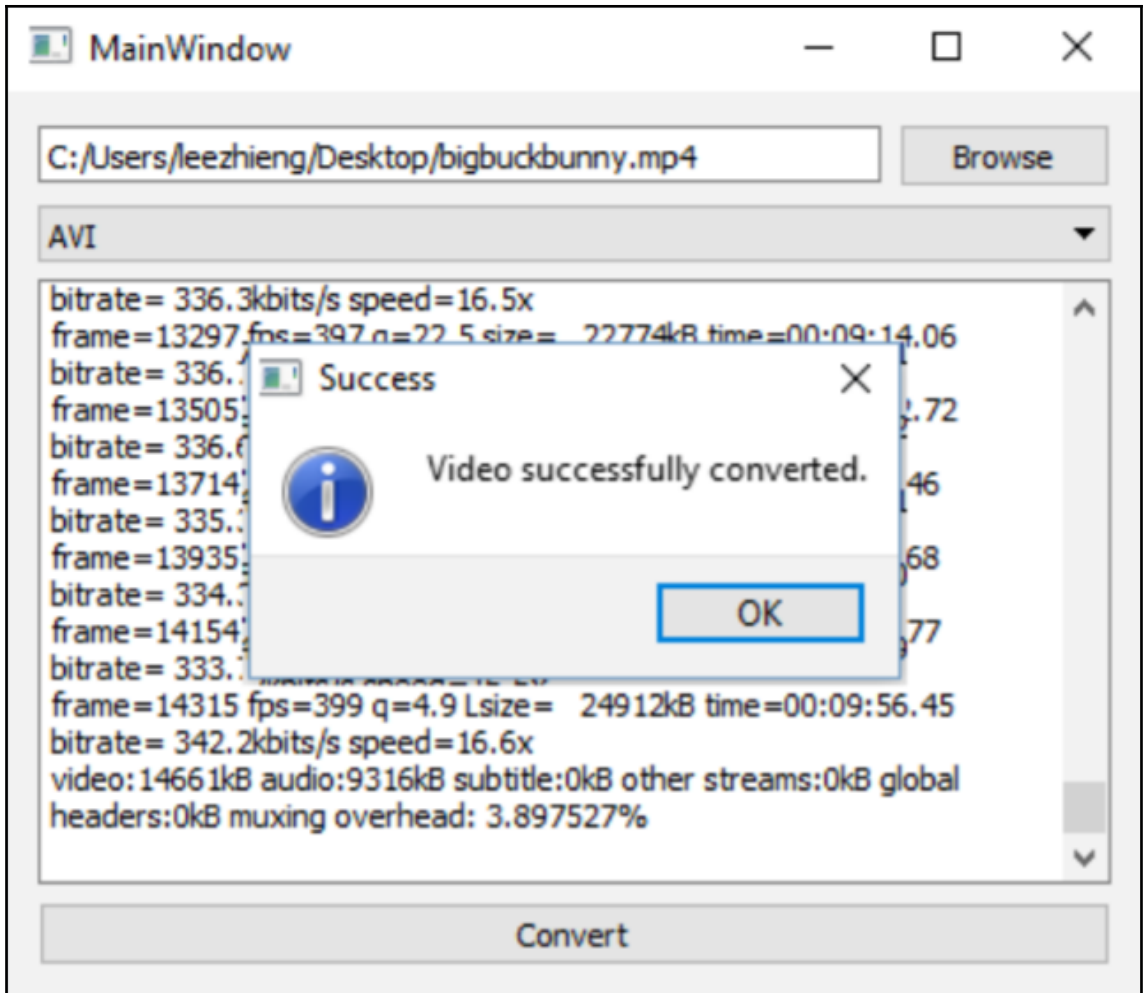
Chapter 10: Conversion Library











maxLength	32767
frame	<input checked="" type="checkbox"/>
echoMode	Normal
cursorPosition	1
> alignment	AlignLeft, AlignVCe...
dragEnabled	<input type="checkbox"/>
readOnly	<input checked="" type="checkbox"/>
> placeholderText	
cursorMoveStyle	LogicalMoveStyle
clearButtonEna...	<input type="checkbox"/>

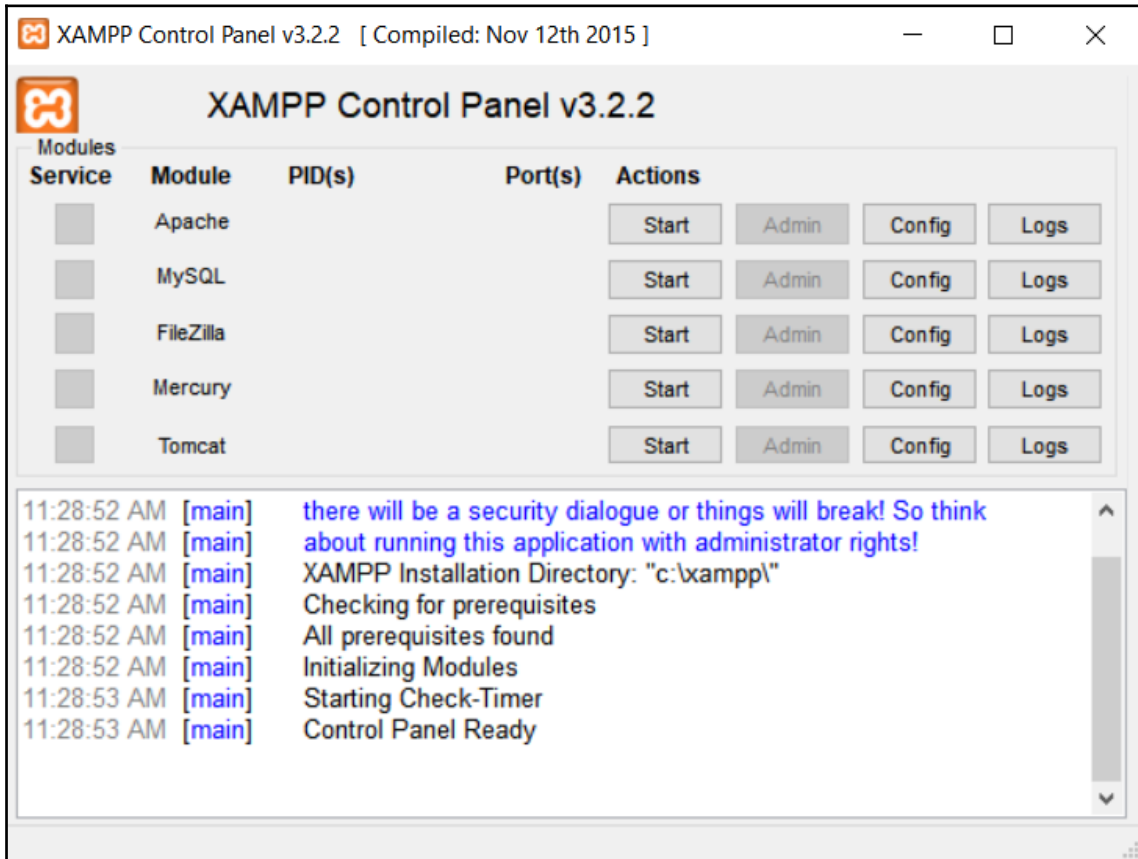
Property	Value
Italic	<input type="checkbox"/>
Underline	<input type="checkbox"/>
Strikeout	<input type="checkbox"/>
Kerning	<input checked="" type="checkbox"/>
Antialiasing	PreferDefault
cursor	⊘ Forbidden
mouseTracking	↖ Size Slash
tabletTracking	⊕ Size All
focusPolicy	Blank
contextMenuPol...	⊕ Split Verti...
acceptDrops	⊕ Split Horiz...
	☞ Pointing H...
	⊘ Forbidden
	☞ Open Hand
	☞ Closed Ha...
	☞ What's This

From:	To:
<input style="width: 90%;" type="text" value="1"/>	<input style="width: 90%;" type="text" value="1"/>
<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>
<input type="button" value="Convert"/>	

The image shows a window titled "MainWindow" with standard window controls (minimize, maximize, close). The window contains a currency conversion form. It has two columns: "From:" and "To:". The "From:" column has a text input field containing "1" and a dropdown menu currently showing "EUR". The "To:" column has a text input field containing "1.14045" and a dropdown menu currently showing "USD". Below these fields is a wide "Convert" button.

From:	To:
<input type="text" value="1"/>	<input type="text" value="1.14045"/>
<input type="text" value="EUR"/>	<input type="text" value="USD"/>
<input type="button" value="Convert"/>	

Chapter 11: Accessing Databases with SQL Driver and Qt



phpMyAdmin

Server: 127.0.0.1

Databases SQL Status User accounts Export

Recent Favorites

- New
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

General settings

Server connection collation: utf8mb4_unicode_ci

Appearance settings

Language: English

Theme: pmahomme

Font size: 82%

[More settings](#)

Add user account

Login Information

User name: Use text field: yourusername

Host name: Local localhost

Password: Use text field: Strength: Good

Re-type:

Authentication Plugin: Native MySQL authentication

Generate password:



Welcome to phpMyAdmin

Language

English

Log in 

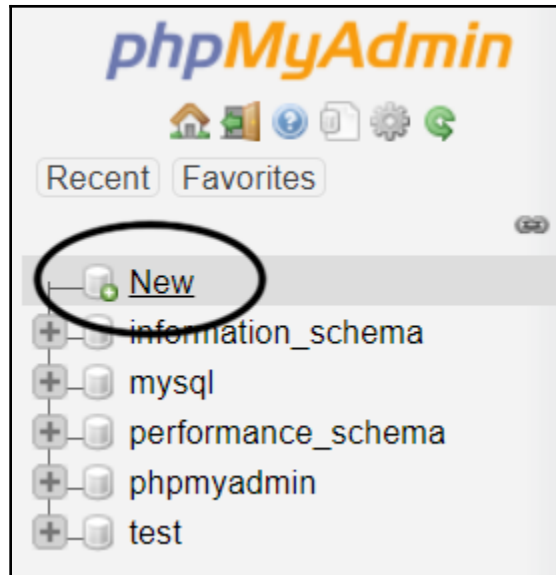
Username:

yourusername

Password:

.....

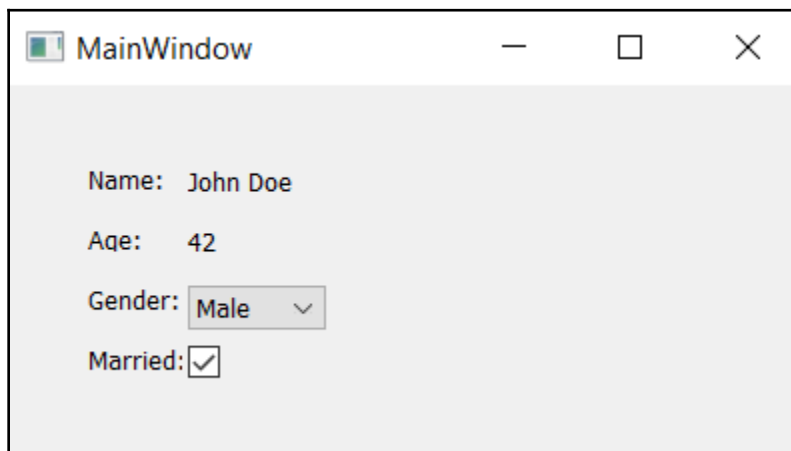
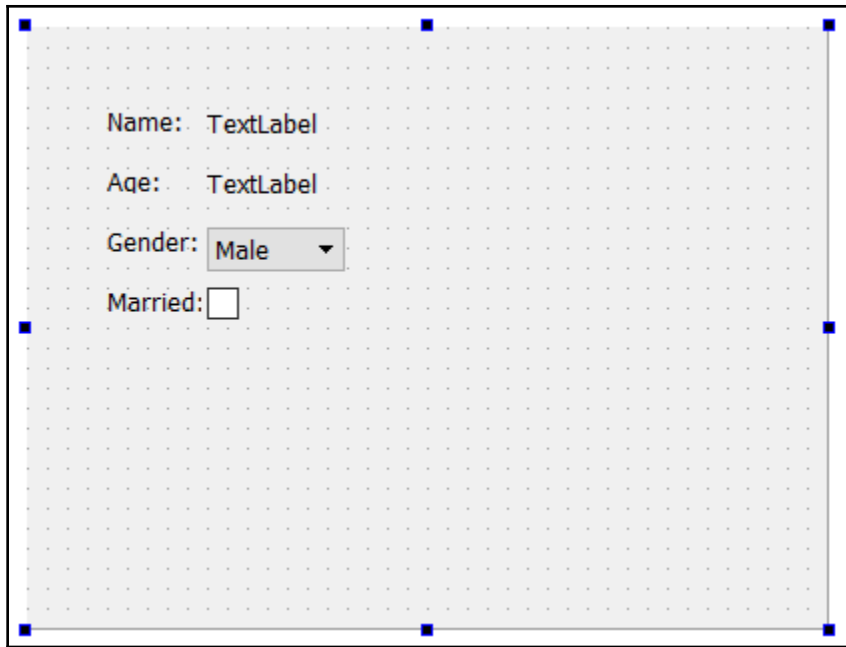
Go



The image shows the "Create table" form in phpMyAdmin. The title "Create table" is displayed in a box at the top left. Below the title, there are two input fields: "Name:" with the value "employee" and "Number of columns:" with the value "5". The "Number of columns:" field is a dropdown menu. Below the input fields is a large, empty light blue area.

Name	Type	Length/Values	Default	Null	Index	A_I
id	INT		No	<input type="checkbox"/>	PRIMARY	<input checked="" type="checkbox"/>
name	VARCHAR	50		<input type="checkbox"/>	---	<input type="checkbox"/>
age	INT		No	<input type="checkbox"/>	---	<input type="checkbox"/>
gender	INT			<input type="checkbox"/>	---	<input type="checkbox"/>
married	BOOLEAN			<input type="checkbox"/>	---	<input type="checkbox"/>

Column	Type	Function	Null	Value
id	int(11)			1
name	varchar(50)			John Doe
age	int(11)			42
gender	int(11)			0
married	tinyint(1)			1



Name:

Age:

Gender: Male ▼

Married:

+ Options

		id	name	age	gender	married
<input type="checkbox"/>	Edit Copy Delete	1	John Doe	42	0	0
<input type="checkbox"/>	Edit Copy Delete	2	Jane Smith	26	1	0

Check All *With selected:* Change Delete Export

Table name: Add column(s)

Name	Type	Length/Values	Default	Attributes	Null	Index	A_I
<input type="text" value="id"/>	INT	<input type="text"/>	<input type="text" value="None"/>	<input type="text"/>	<input type="checkbox"/>	PRIMARY	<input checked="" type="checkbox"/>
<input type="text" value="username"/>	VARCHAR	50	<input type="text" value="None"/>	<input type="text"/>	<input type="checkbox"/>	---	<input type="checkbox"/>
<input type="text" value="password"/>	VARCHAR	50	<input type="text" value="None"/>	<input type="text"/>	<input type="checkbox"/>	---	<input type="checkbox"/>
<input type="text" value="employeeID"/>	INT	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	---	<input type="checkbox"/>

Column	Type	Function	Null	Value
id	int(11)	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
username	varchar(50)	<input type="text"/>	<input type="checkbox"/>	test
password	varchar(50)	<input type="text"/>	<input type="checkbox"/>	test
employeeID	int(11)	<input type="text"/>	<input type="checkbox"/>	1

+ Options					
	id	name	age	gender	married
<input type="checkbox"/>	1	John Doe	42	0	0
<input type="checkbox"/>	2	Jane Smith	26	1	0

Username:

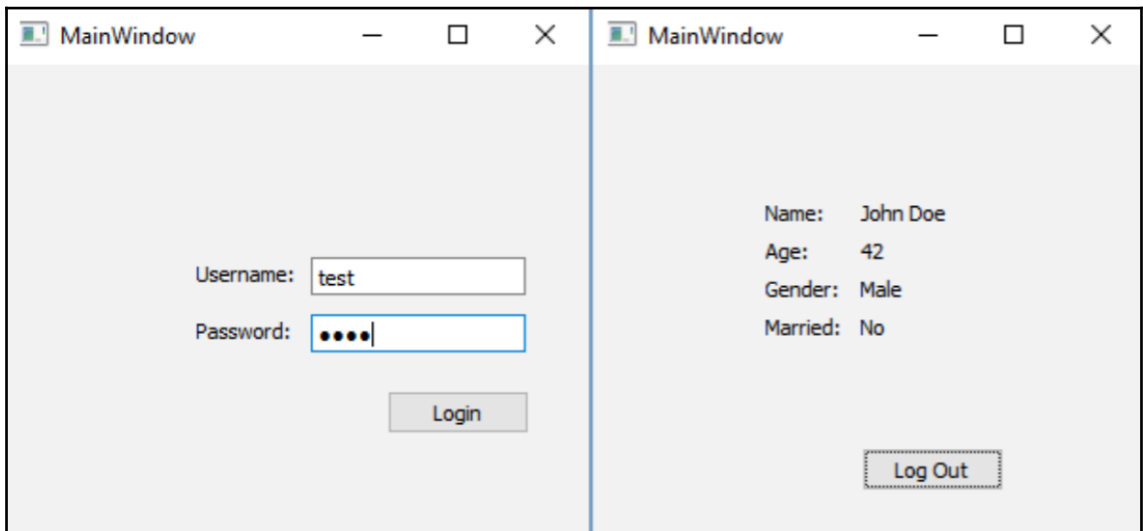
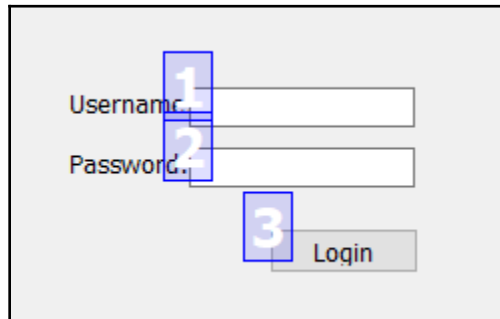
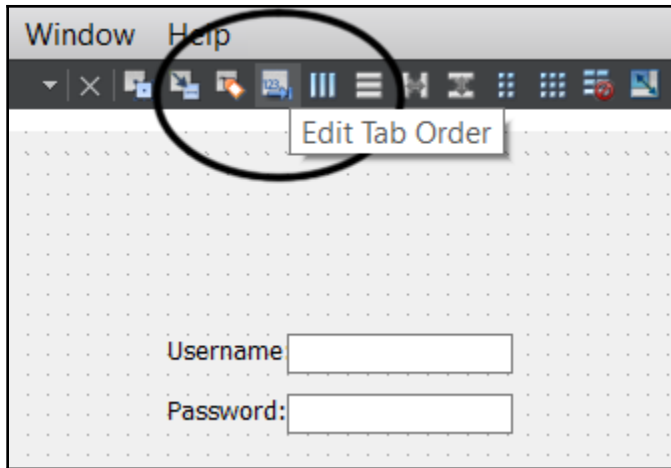
Password:

Name: TextLabel

Age: TextLabel

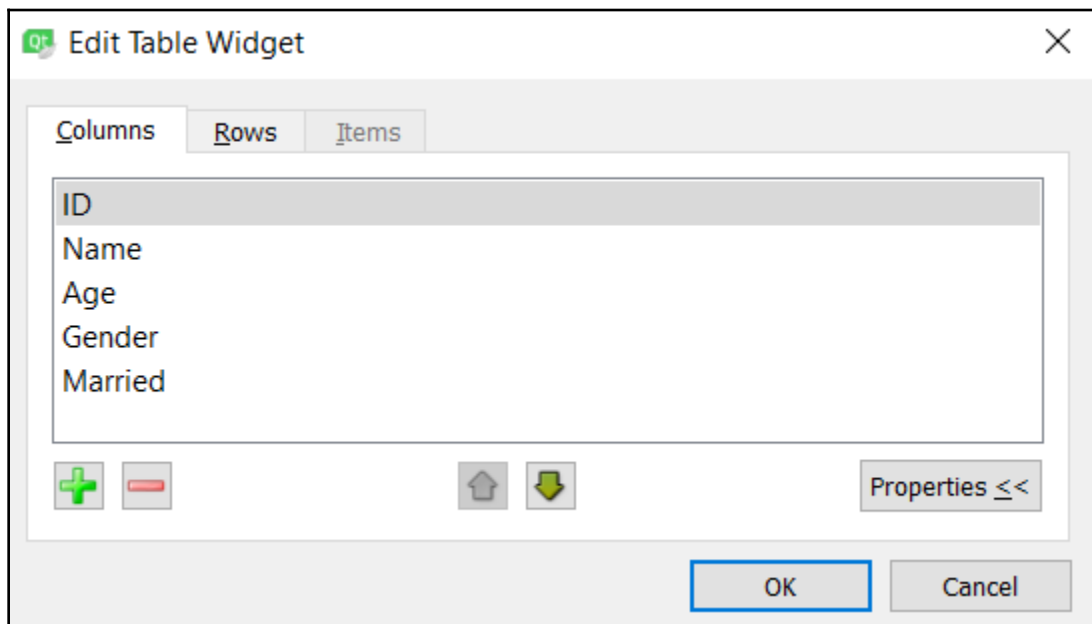
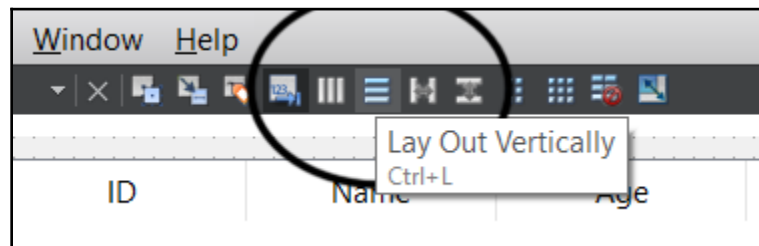
Gender: TextLabel

Married: TextLabel



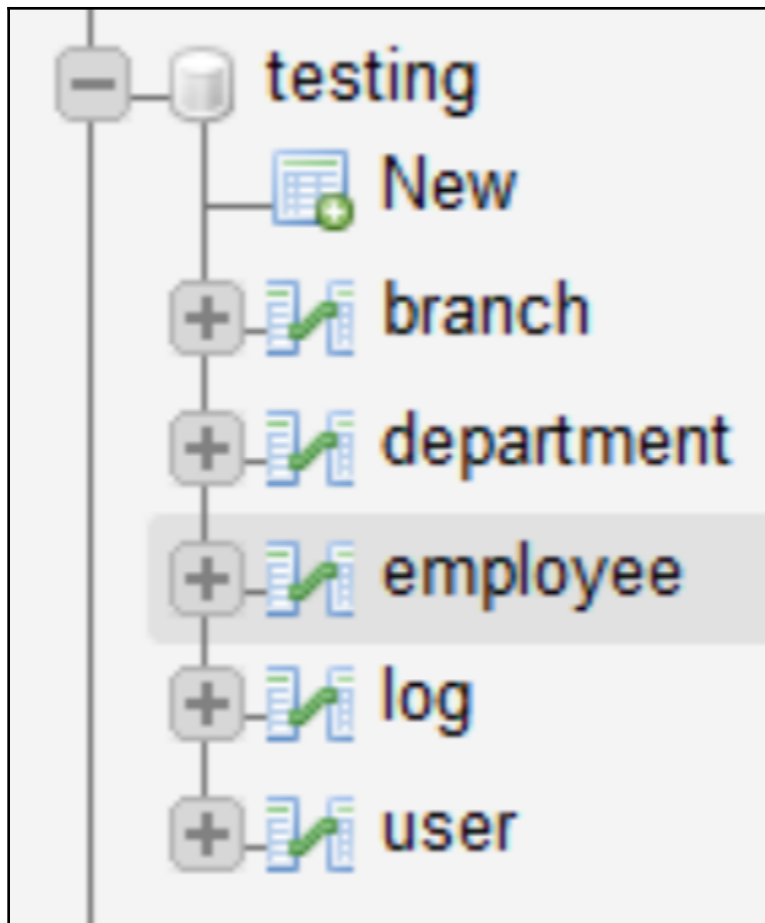
+ Options

				id	name	age	gender	married
<input type="checkbox"/>	Edit	Copy	Delete	1	John Doe	42	0	0
<input type="checkbox"/>	Edit	Copy	Delete	2	Jane Smith	26	1	0
<input type="checkbox"/>	Edit	Copy	Delete	3	Larry King	32	0	1
<input type="checkbox"/>	Edit	Copy	Delete	4	Jason Freeman	28	0	0
<input type="checkbox"/>	Edit	Copy	Delete	5	Laura Jordan	38	1	1












MainWindow













	Name	Age	Gender	Married
1	John Doe	42	Male	No
2	Jane Smith	26	Female	No
3	Larry King	32	Male	Yes
4	Jason Freeman	28	Male	No
5	Laura Jordan	38	Female	Yes



+ Options

				id	name	
<input type="checkbox"/>		Edit		Copy	 Delete	1 New York
<input type="checkbox"/>		Edit		Copy	 Delete	2 California
<input type="checkbox"/>		Edit		Copy	 Delete	3 Bangalore






















+ Options

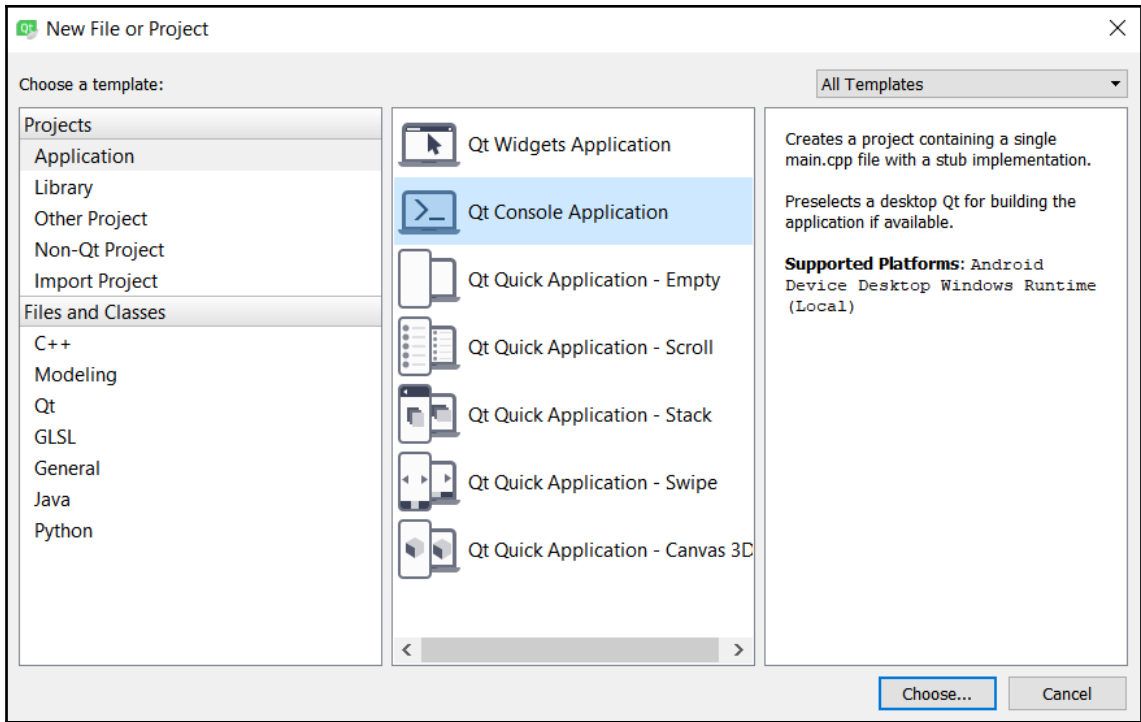
				id	name	branchID
<input type="checkbox"/>		Edit		Copy	 Delete	1 Marketing 1
<input type="checkbox"/>		Edit		Copy	 Delete	2 Engineering 3
<input type="checkbox"/>		Edit		Copy	 Delete	3 Human Resource 2
<input type="checkbox"/>		Edit		Copy	 Delete	4 Purchasing 1

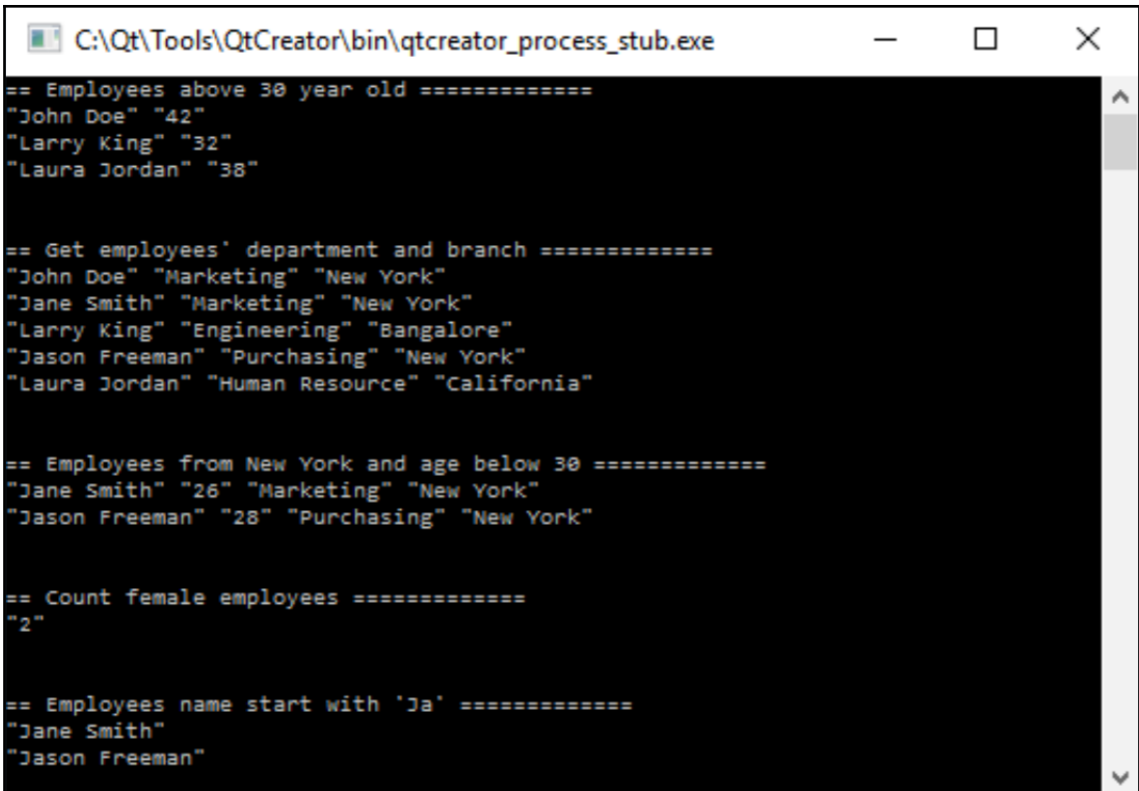
+ Options													
← T →													
			id	name	age	birthday	gender	married	departmentID				
<input type="checkbox"/>		Edit		Copy		Delete	1	John Doe	42	1974-03-15	0	0	1
<input type="checkbox"/>		Edit		Copy		Delete	2	Jane Smith	26	1990-08-06	1	0	1
<input type="checkbox"/>		Edit		Copy		Delete	3	Larry King	32	1984-01-28	0	1	2
<input type="checkbox"/>		Edit		Copy		Delete	4	Jason Freeman	28	1988-11-21	0	0	4
<input type="checkbox"/>		Edit		Copy		Delete	5	Laura Jordan	38	1978-08-02	1	1	3

+ Options													
← T →													
				id	userID	loginTime							
<input type="checkbox"/>		Edit		Copy		Delete	1	3	2016-04-26	18:24:00			
<input type="checkbox"/>		Edit		Copy		Delete	2	1	2016-04-27	11:14:04			
<input type="checkbox"/>		Edit		Copy		Delete	3	3	2016-04-27	12:24:07			
<input type="checkbox"/>		Edit		Copy		Delete	4	3	2016-04-27	02:27:52			
<input type="checkbox"/>		Edit		Copy		Delete	5	2	2016-04-27	16:45:15			
<input type="checkbox"/>		Edit		Copy		Delete	6	4	2016-04-28	12:24:18			
<input type="checkbox"/>		Edit		Copy		Delete	7	1	2016-04-28	19:24:21			

+ Options

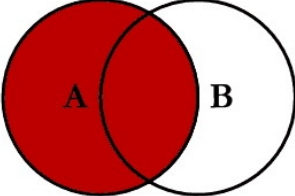
← T →				id	userID	loginTime
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<input type="checkbox"/>	 Edit	 Copy	 Delete	3	3	2016-04-27 12:24:07
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<input type="checkbox"/>	 Edit	 Copy	 Delete	7	1	2016-04-28 19:24:21



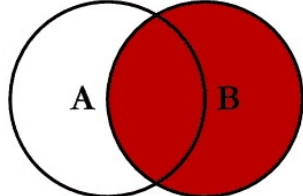
A screenshot of a Qt Creator console window. The title bar shows the file path 'C:\Qt\Tools\QtCreator\bin\qtcreator_process_stub.exe' and standard window controls. The console output is as follows:

```
== Employees above 30 year old =====  
"John Doe" "42"  
"Larry King" "32"  
"Laura Jordan" "38"  
  
== Get employees' department and branch =====  
"John Doe" "Marketing" "New York"  
"Jane Smith" "Marketing" "New York"  
"Larry King" "Engineering" "Bangalore"  
"Jason Freeman" "Purchasing" "New York"  
"Laura Jordan" "Human Resource" "California"  
  
== Employees from New York and age below 30 =====  
"Jane Smith" "26" "Marketing" "New York"  
"Jason Freeman" "28" "Purchasing" "New York"  
  
== Count female employees =====  
"2"  
  
== Employees name start with 'Ja' =====  
"Jane Smith"  
"Jason Freeman"
```

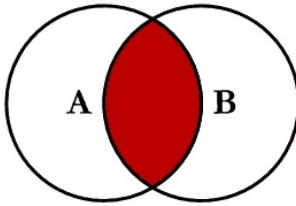

SQL JOINS



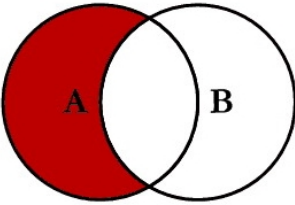
```
SELECT <select_list>
FROM TableA A
LEFT JOIN TableB B
ON A.Key = B.Key
```



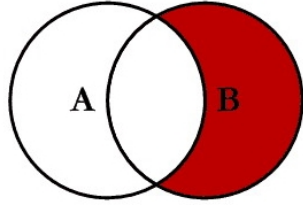
```
SELECT <select_list>
FROM TableA A
RIGHT JOIN TableB B
ON A.Key = B.Key
```



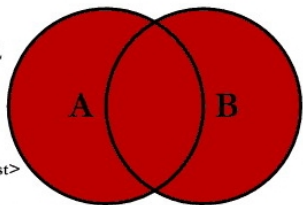
```
SELECT <select_list>
FROM TableA A
INNER JOIN TableB B
ON A.Key = B.Key
```



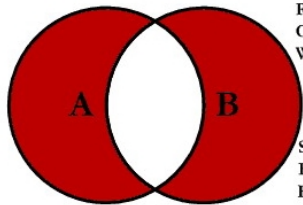
```
SELECT <select_list>
FROM TableA A
LEFT JOIN TableB B
ON A.Key = B.Key
WHERE B.Key IS NULL
```



```
SELECT <select_list>
FROM TableA A
RIGHT JOIN TableB B
ON A.Key = B.Key
WHERE A.Key IS NULL
```



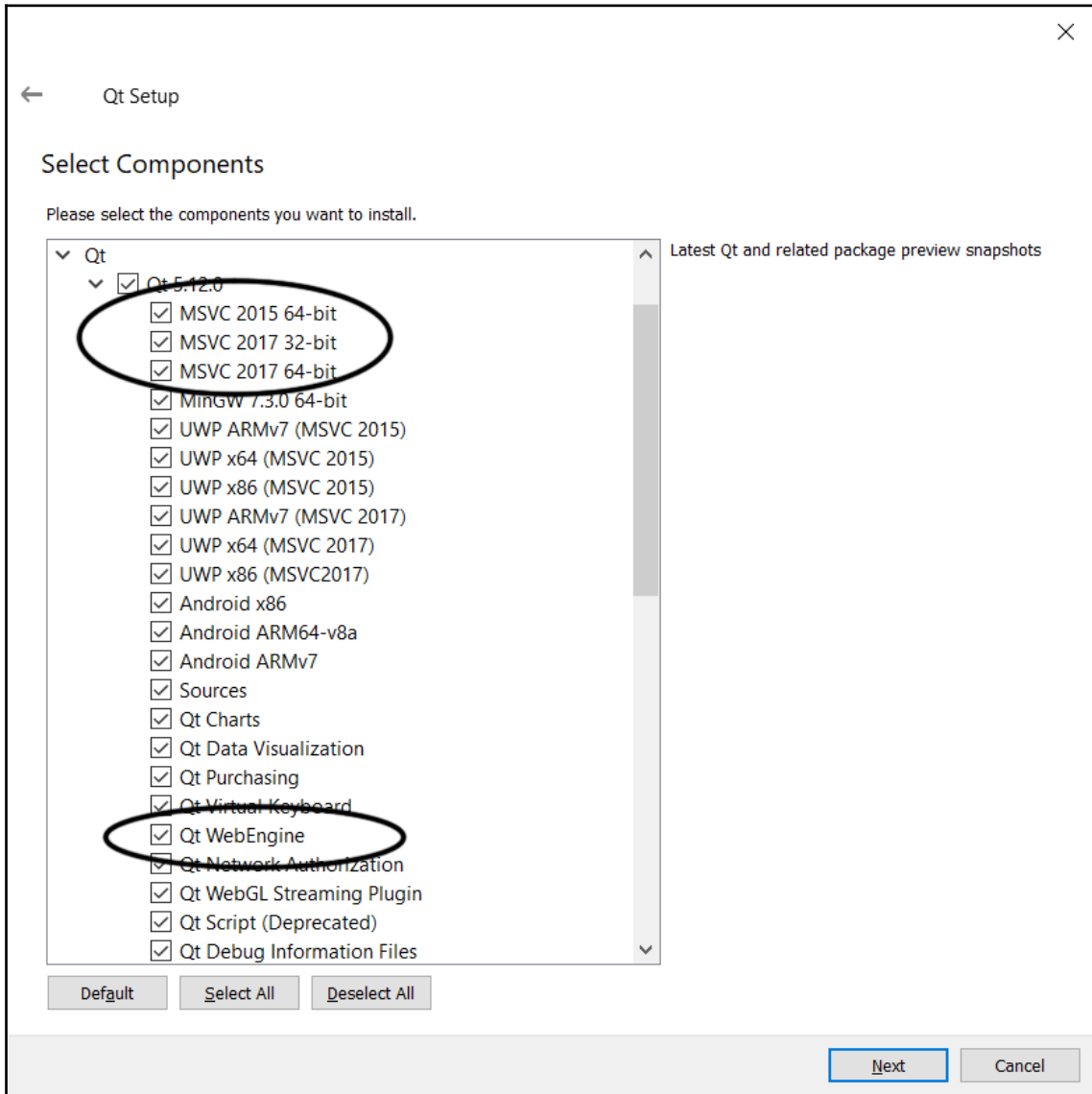
```
SELECT <select_list>
FROM TableA A
FULL OUTER JOIN TableB B
ON A.Key = B.Key
```

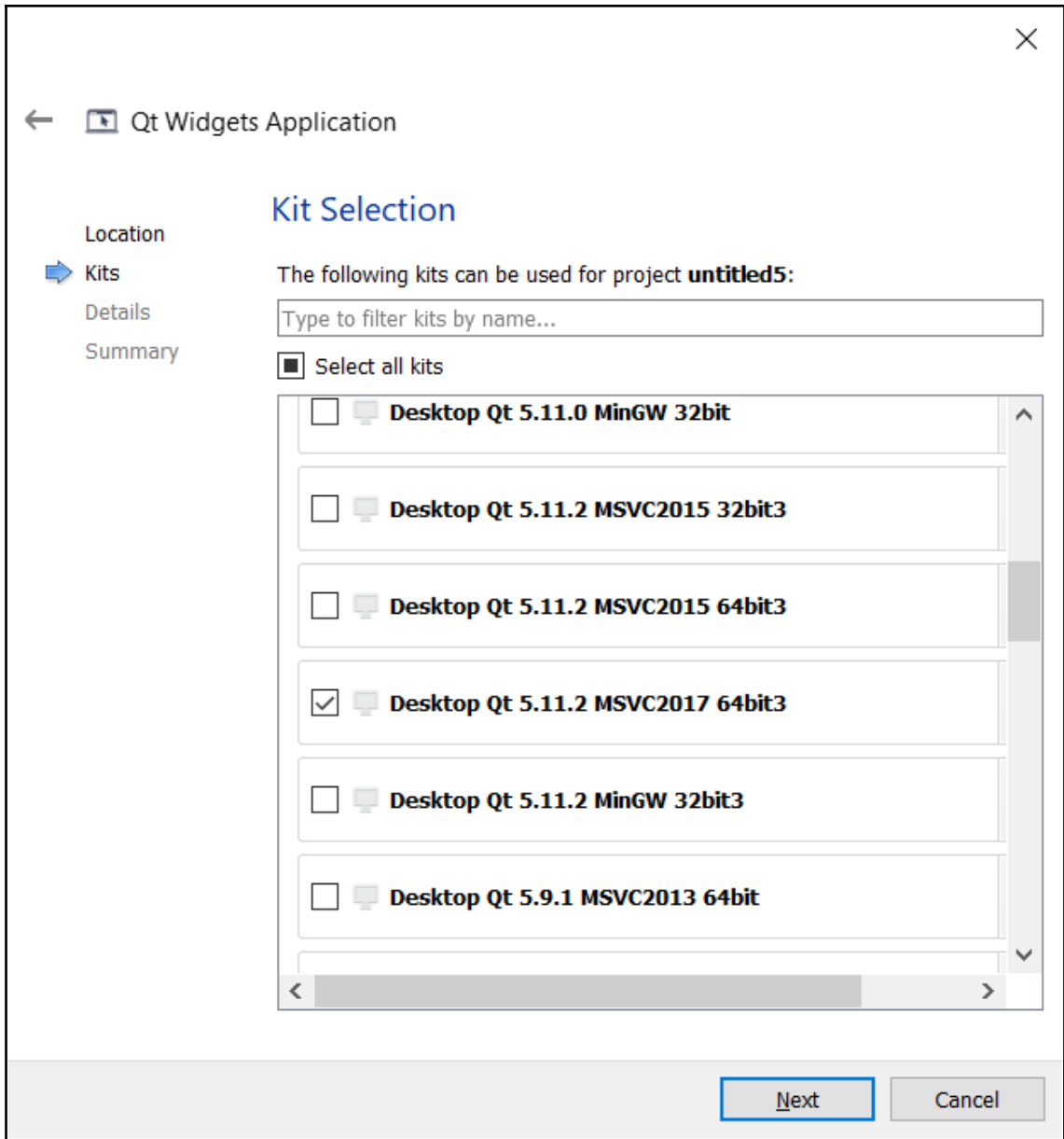


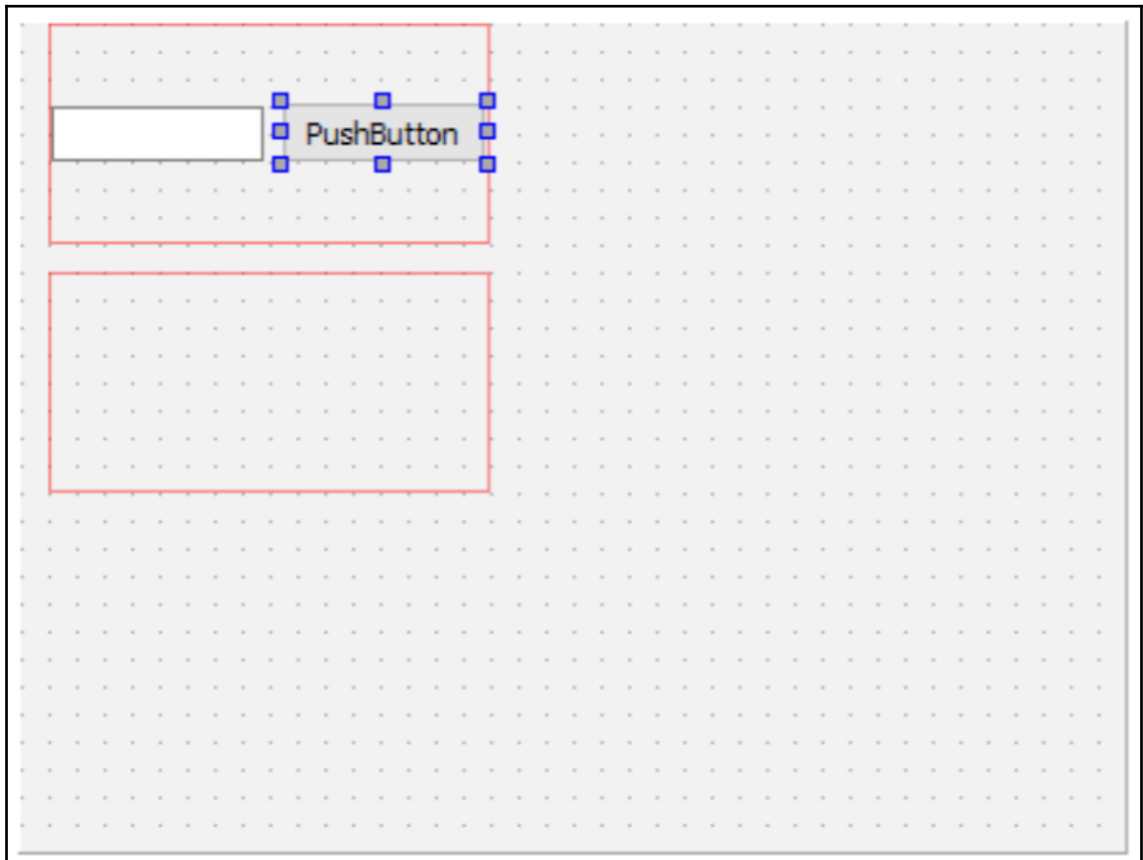
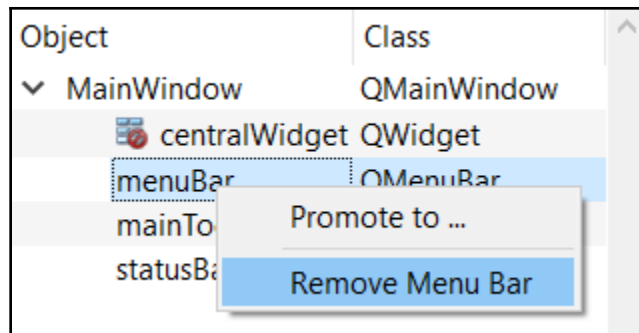
```
SELECT <select_list>
FROM TableA A
FULL OUTER JOIN TableB B
ON A.Key = B.Key
WHERE A.Key IS NULL
OR B.Key IS NULL
```

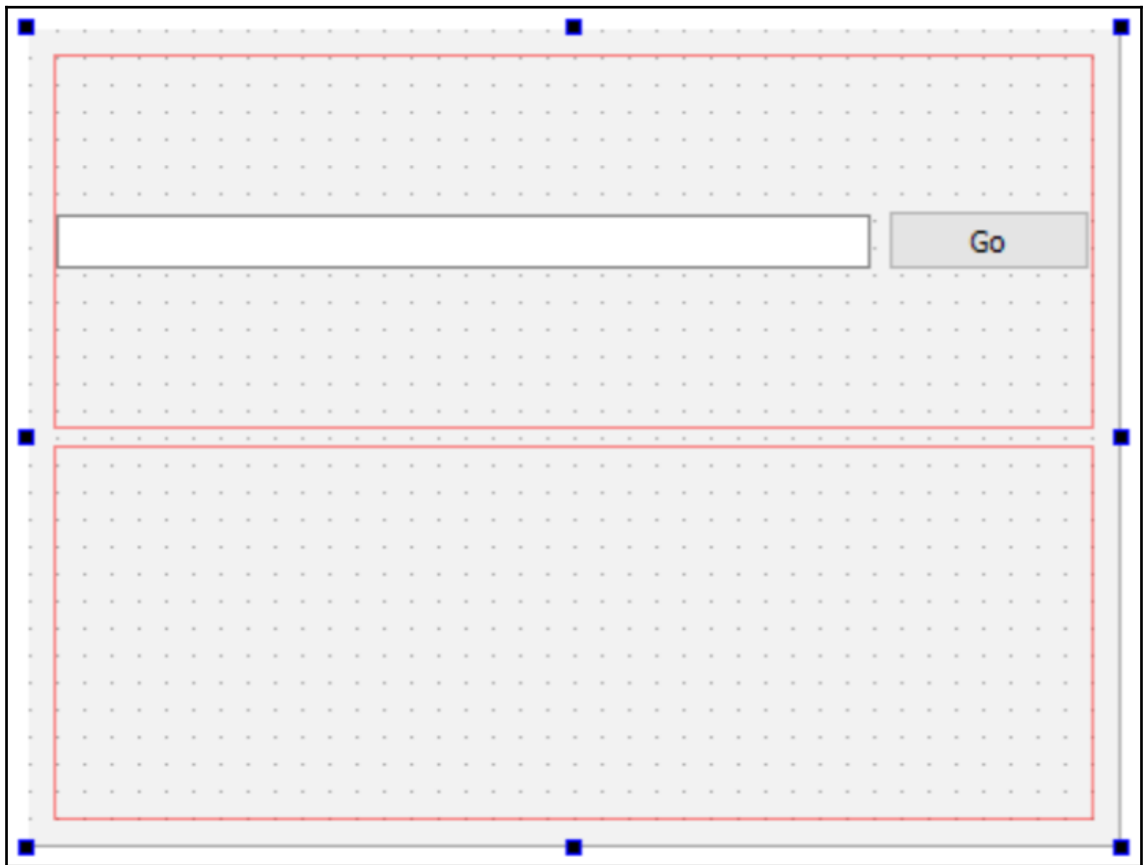
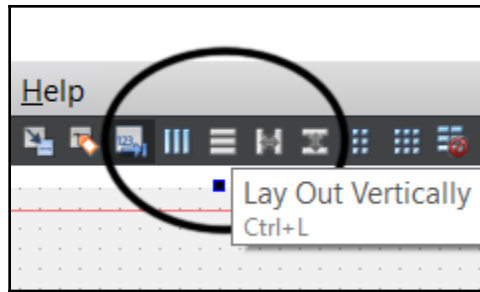
© C.L. Moffatt, 2008

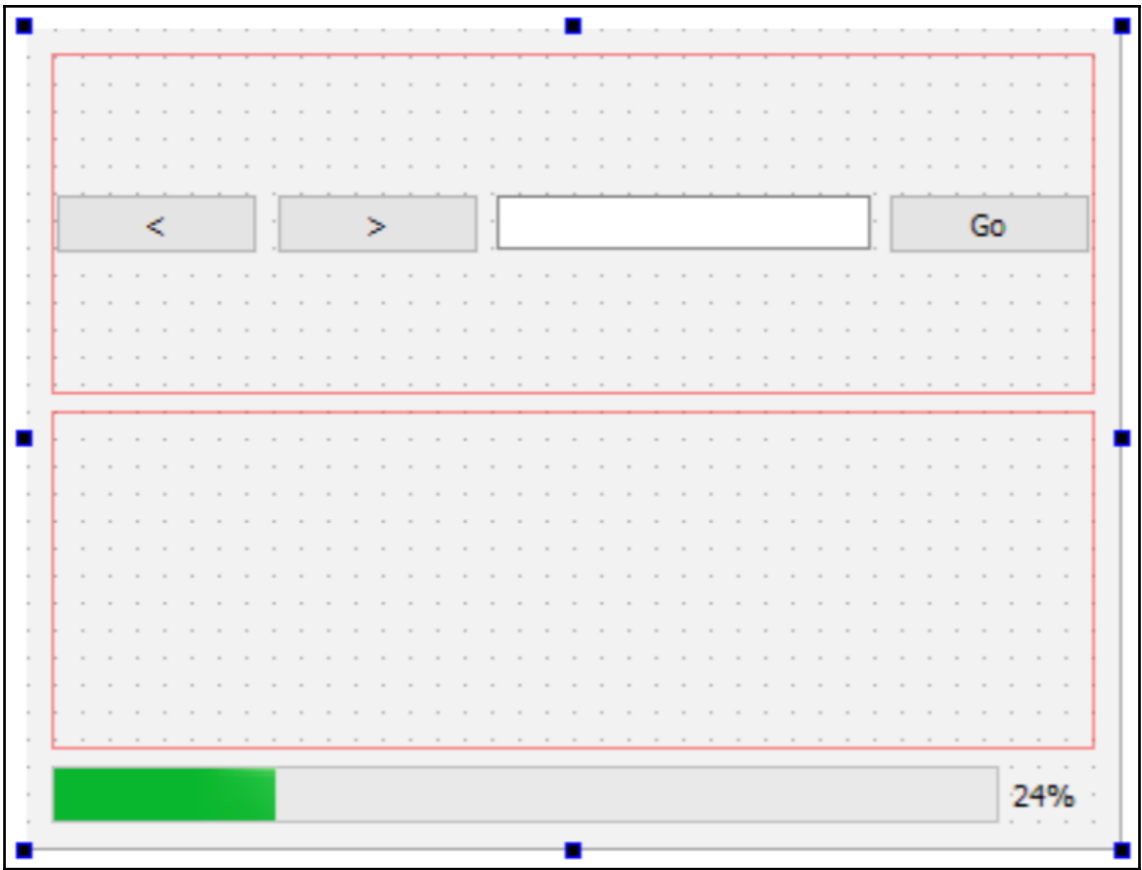
Chapter 12: Develop Web Applications using Qt WebEngine

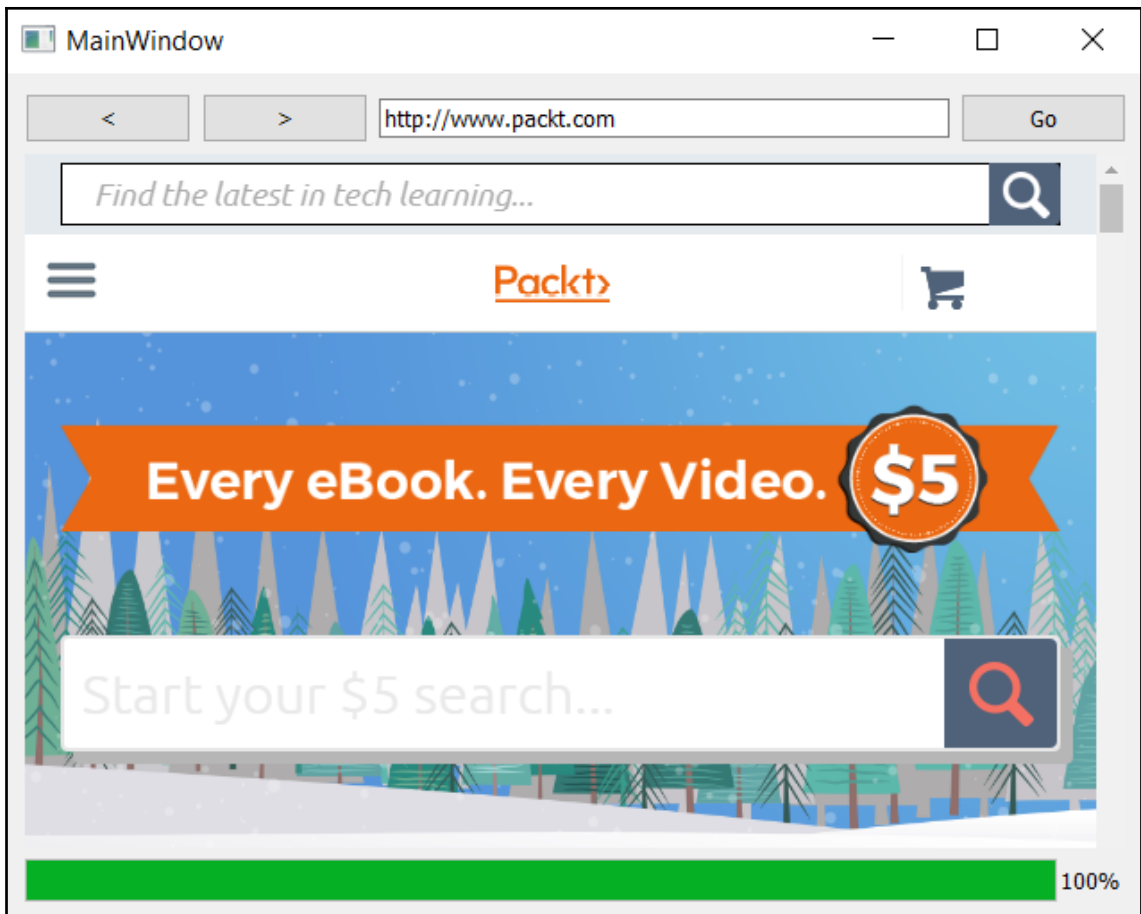


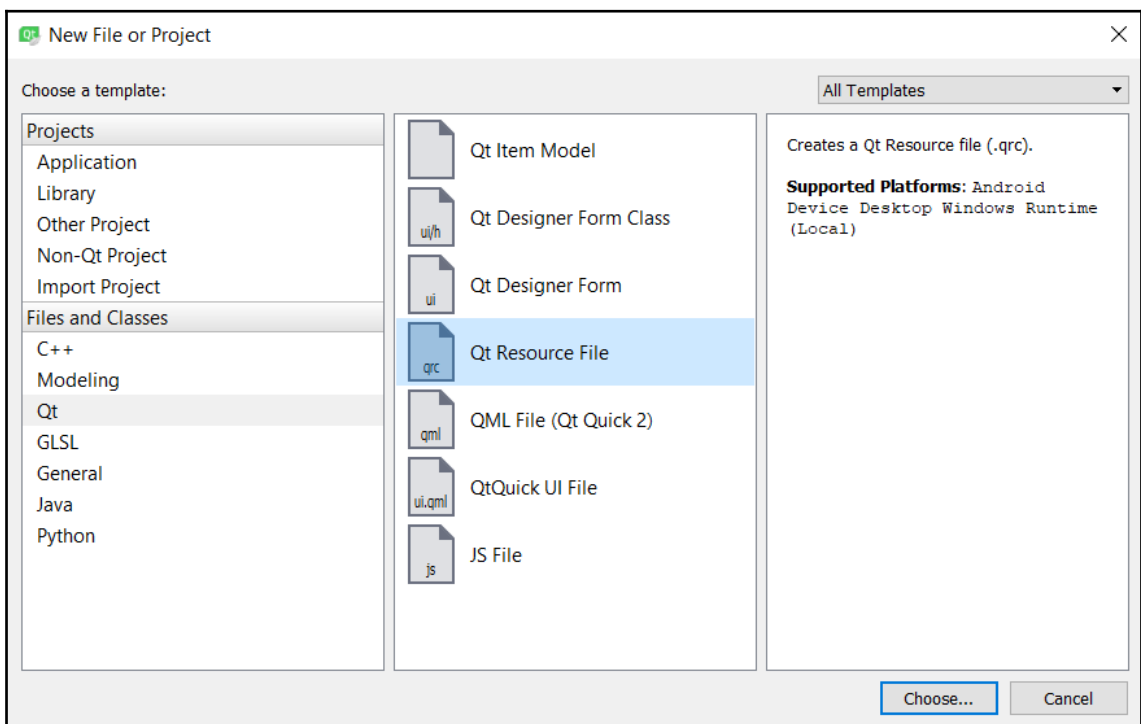
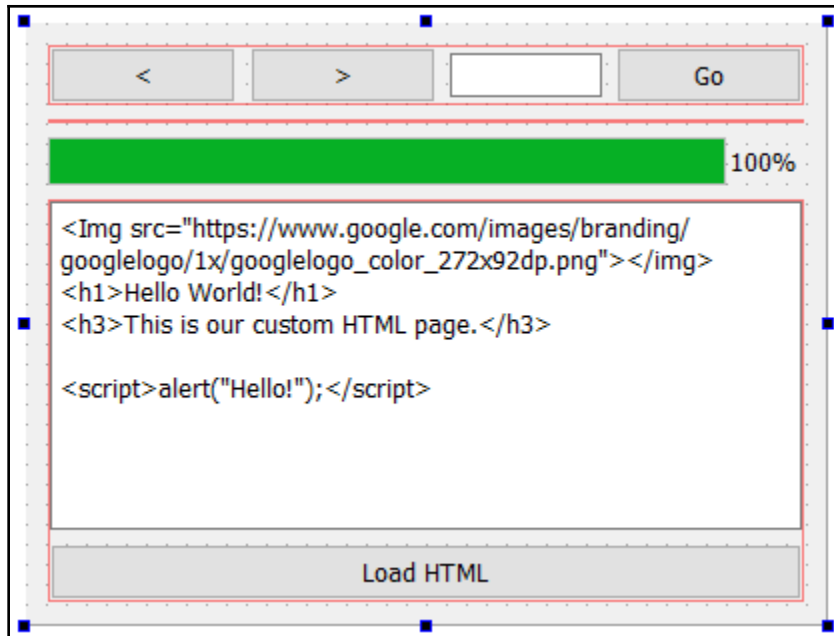


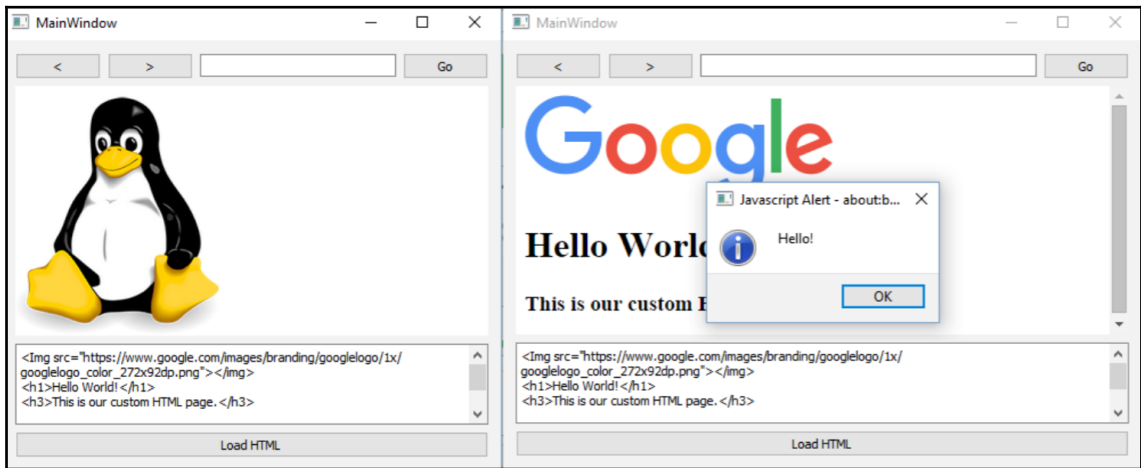
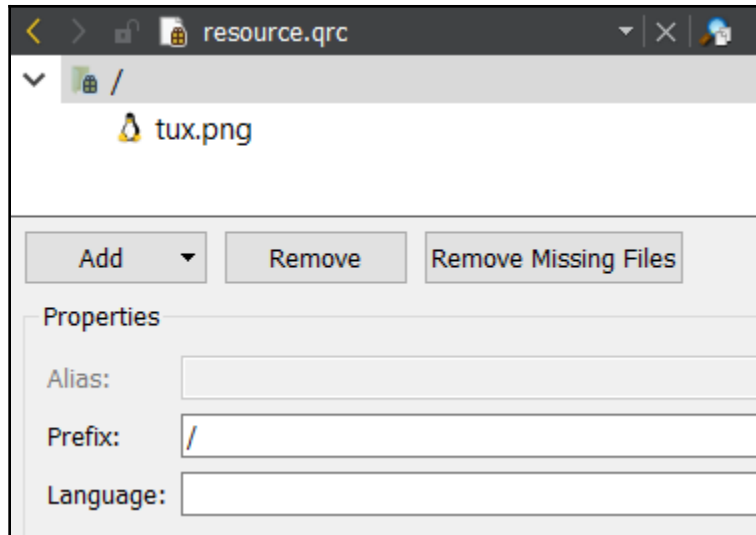


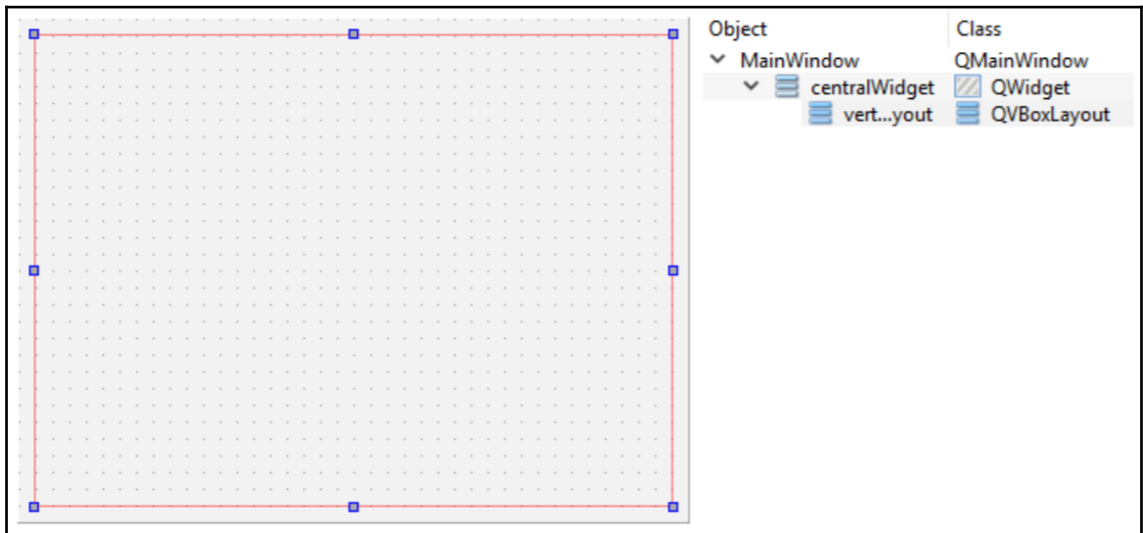
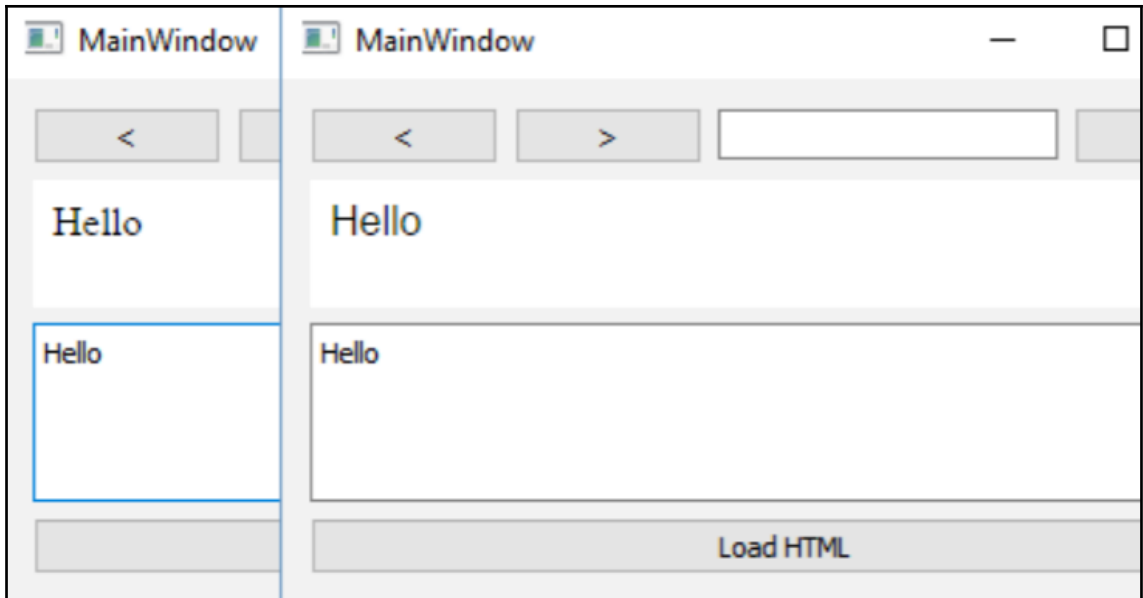


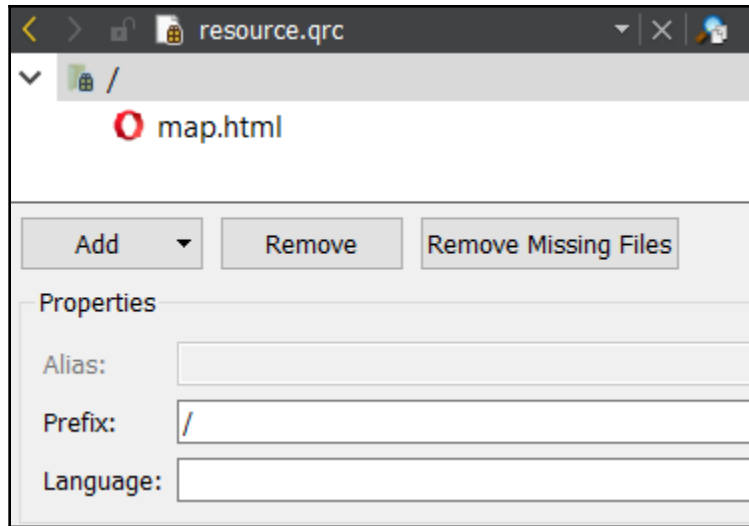


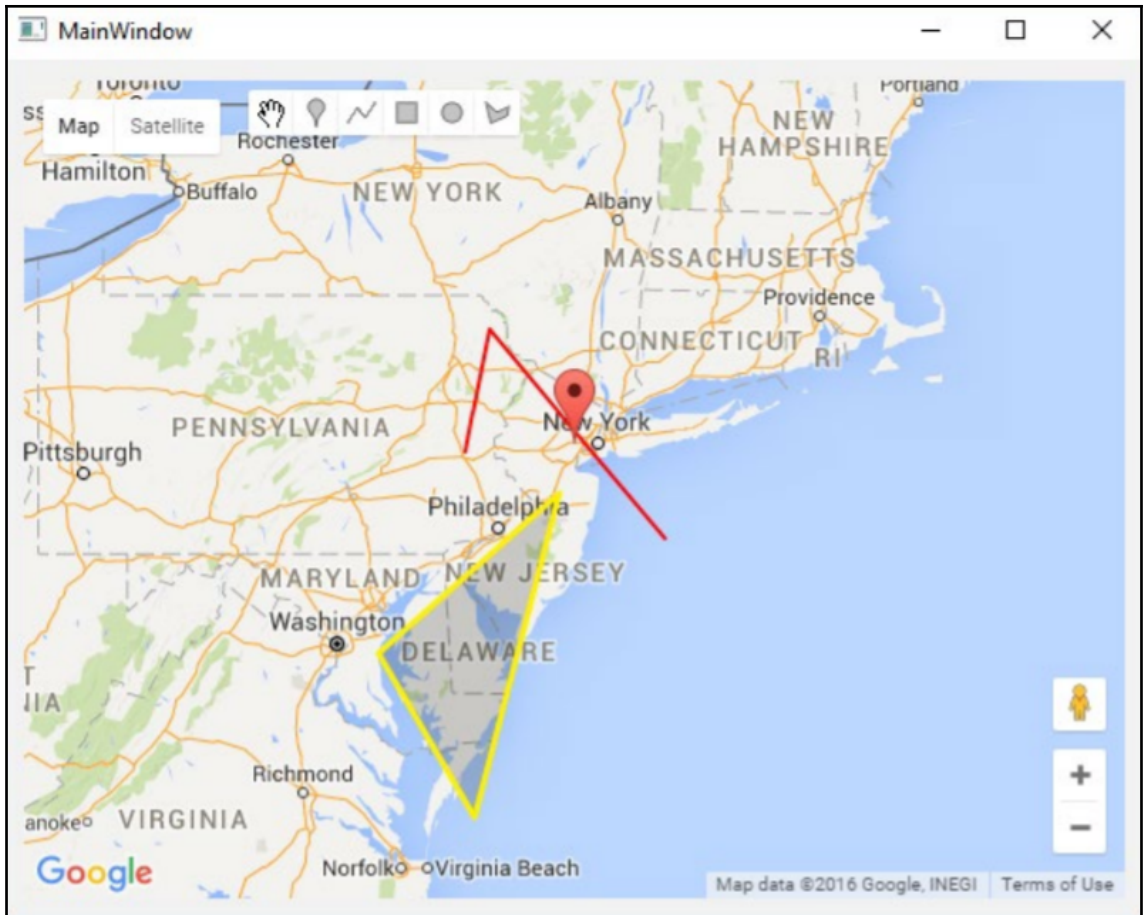


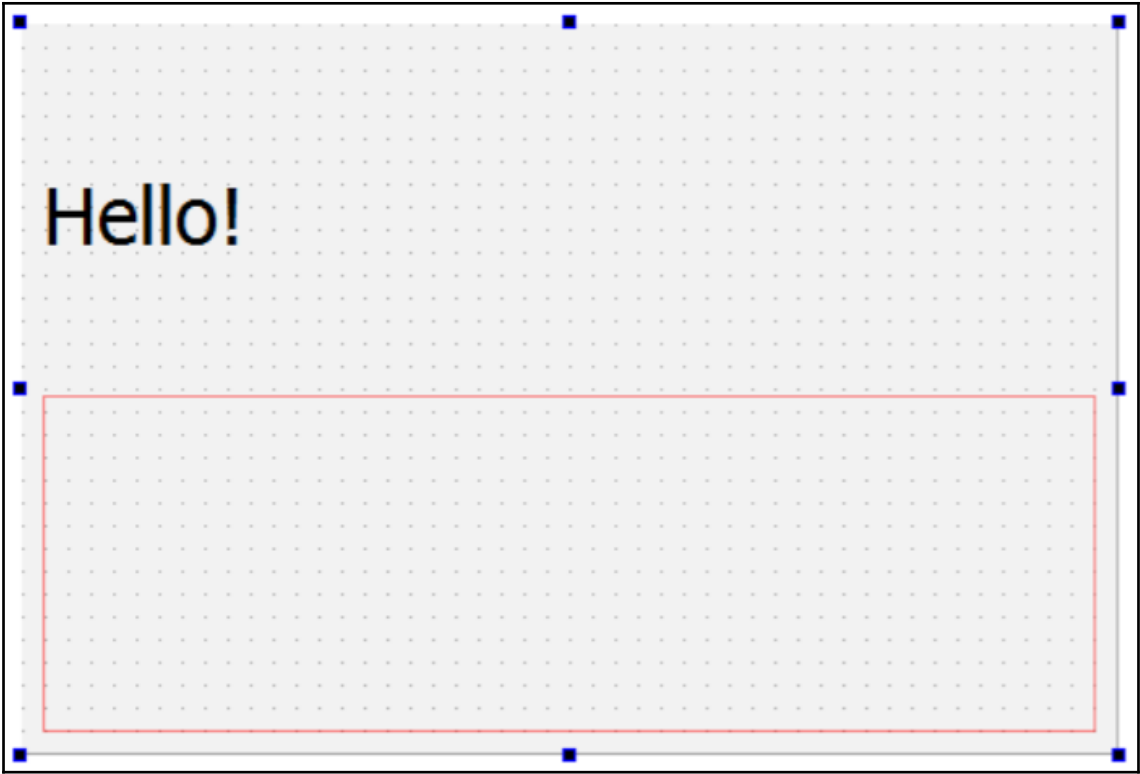


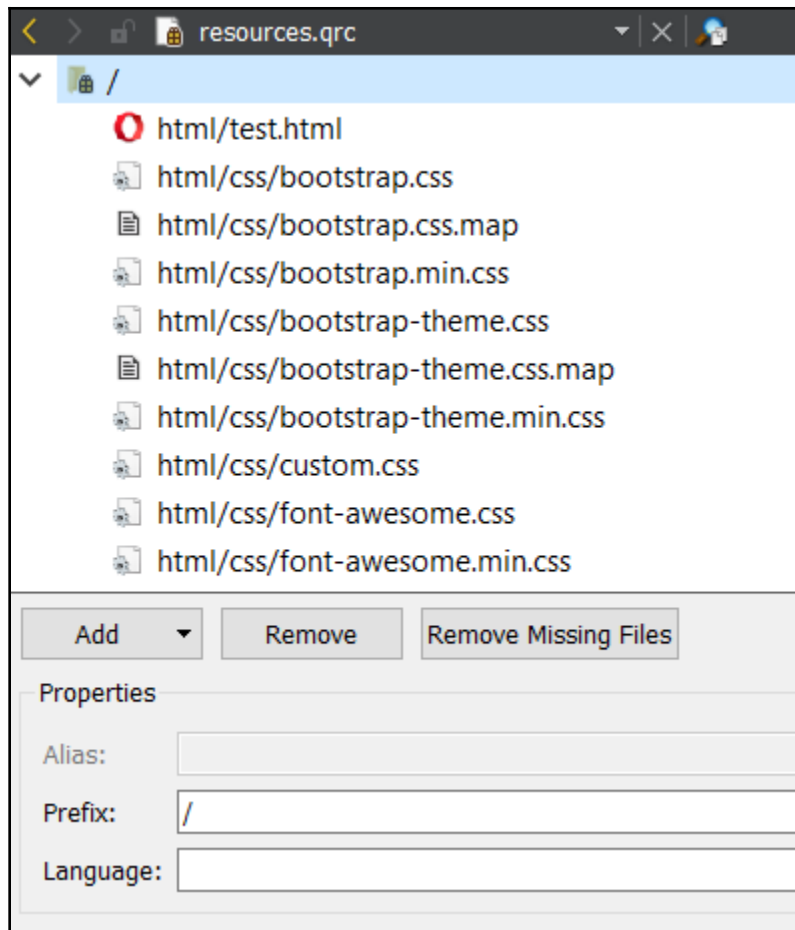


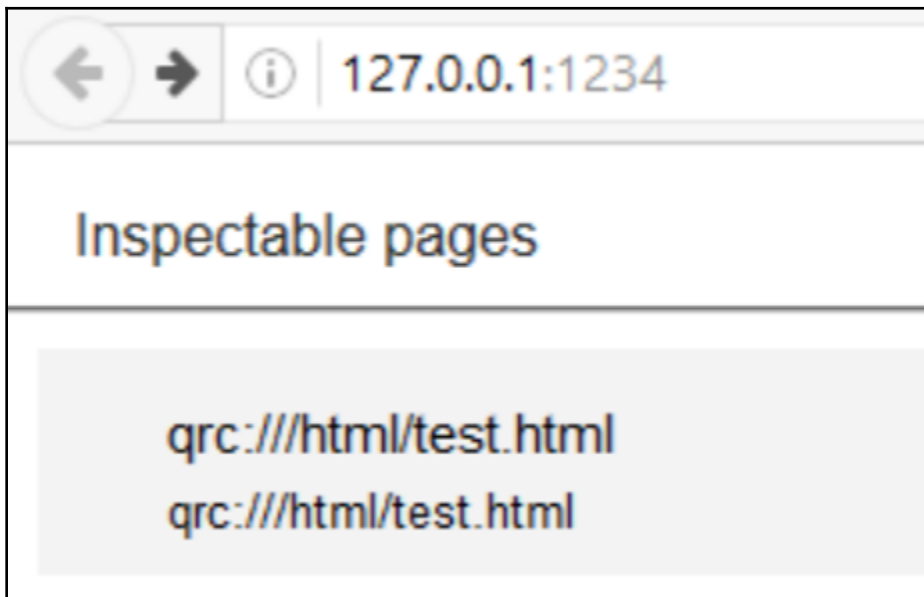
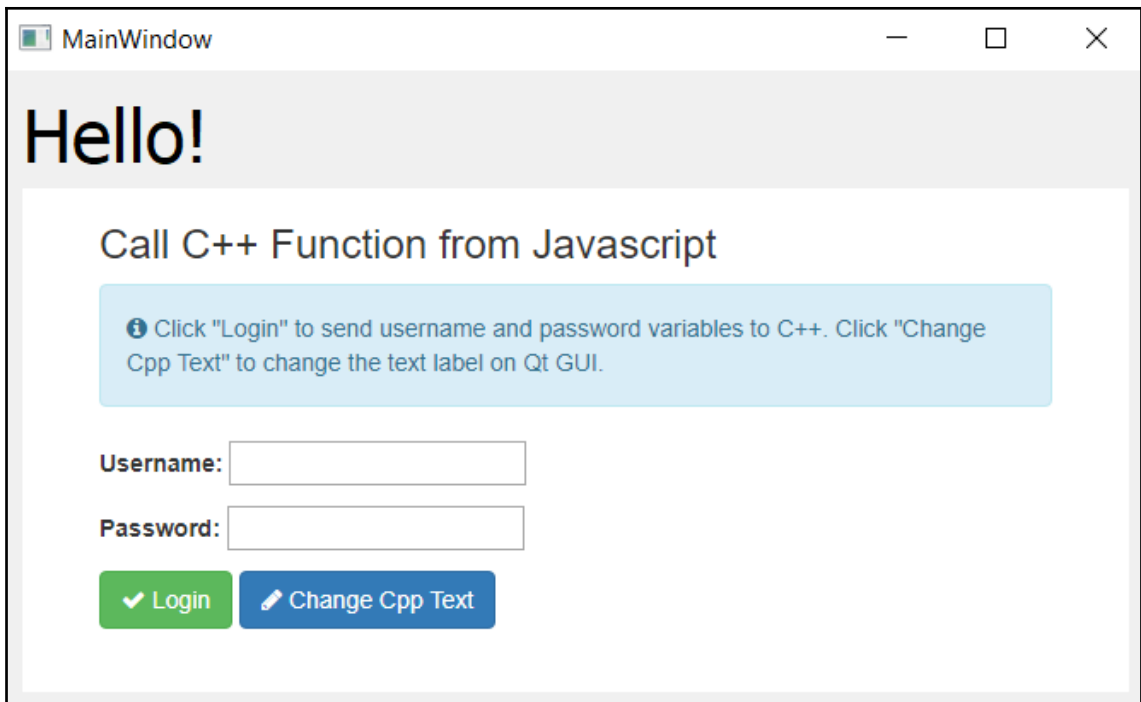


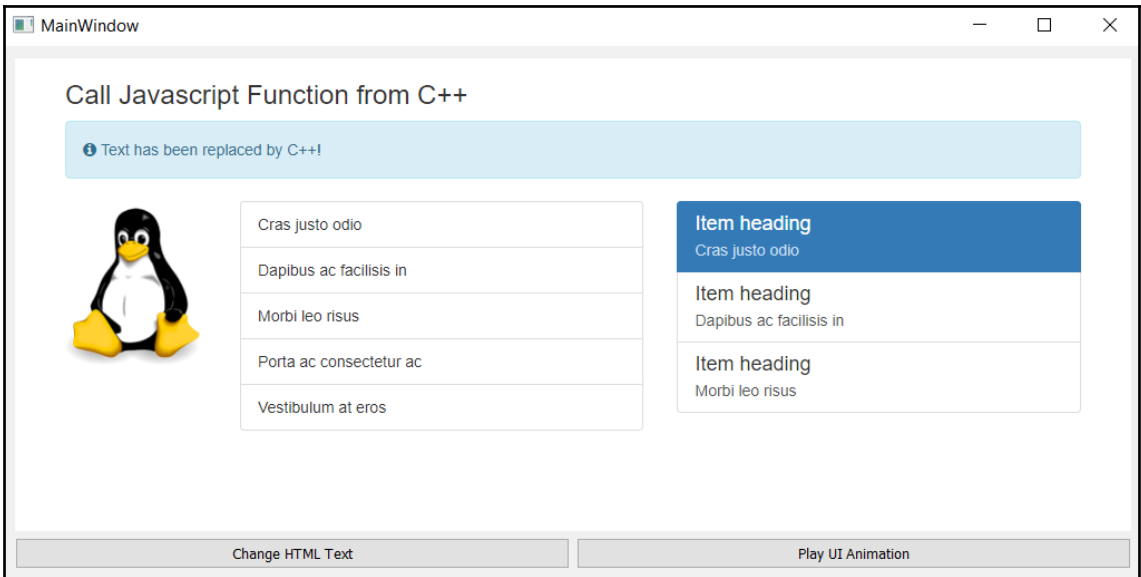
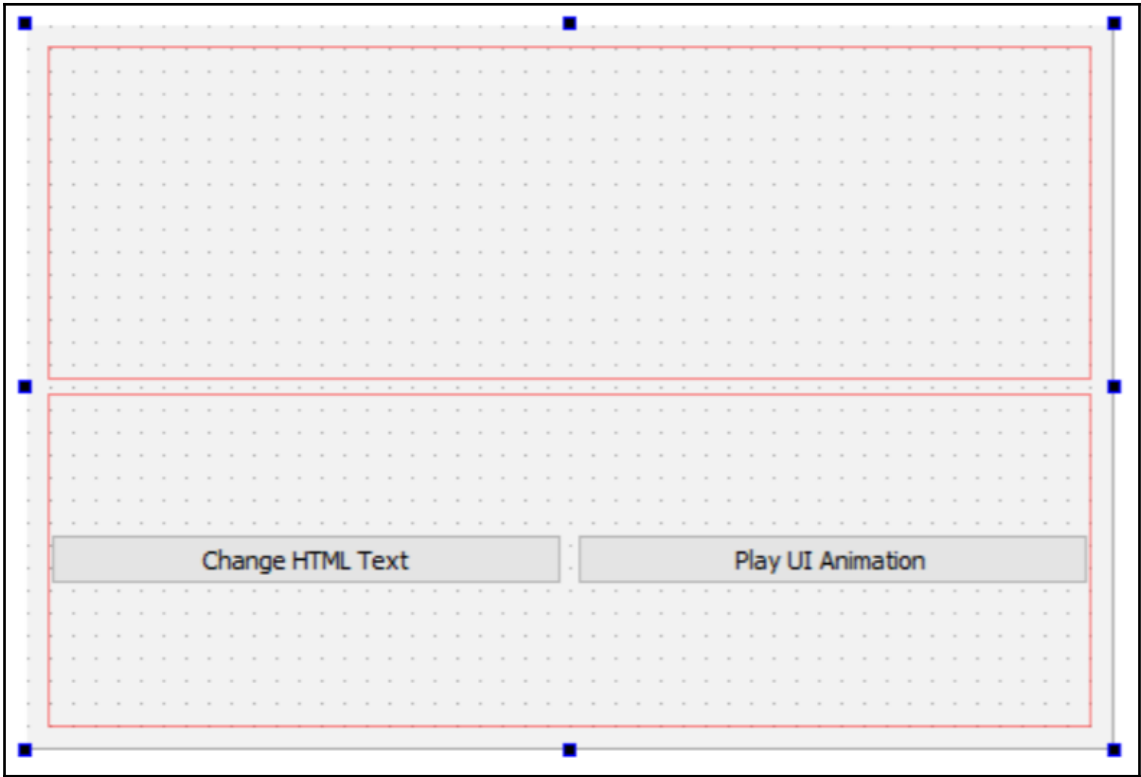




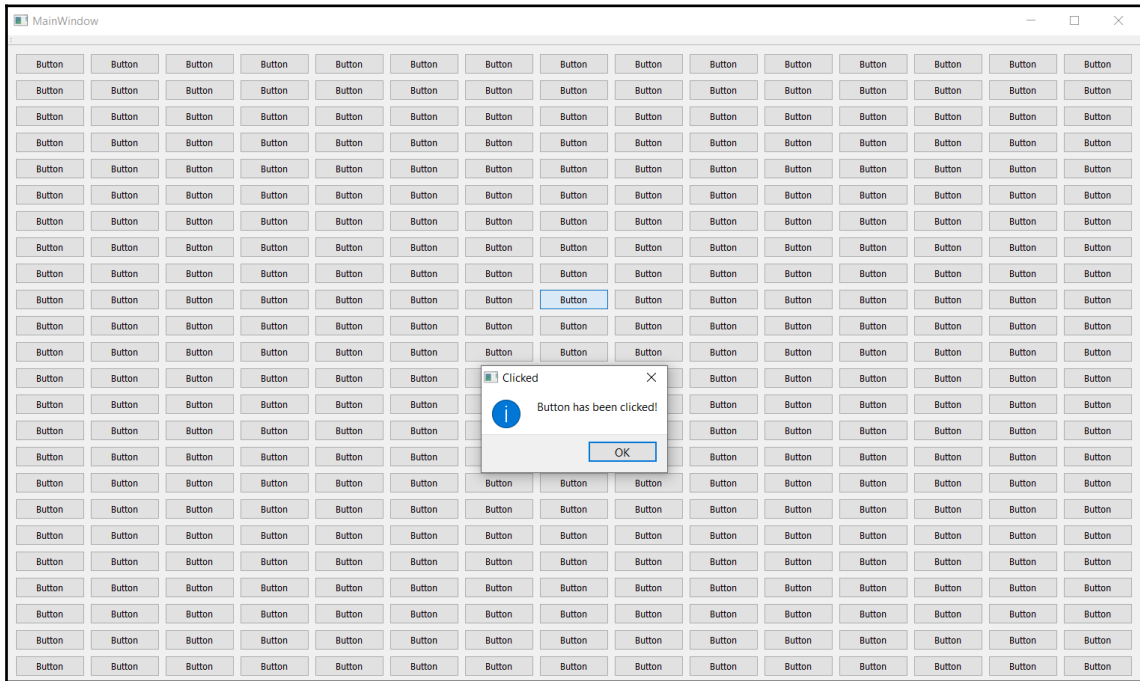






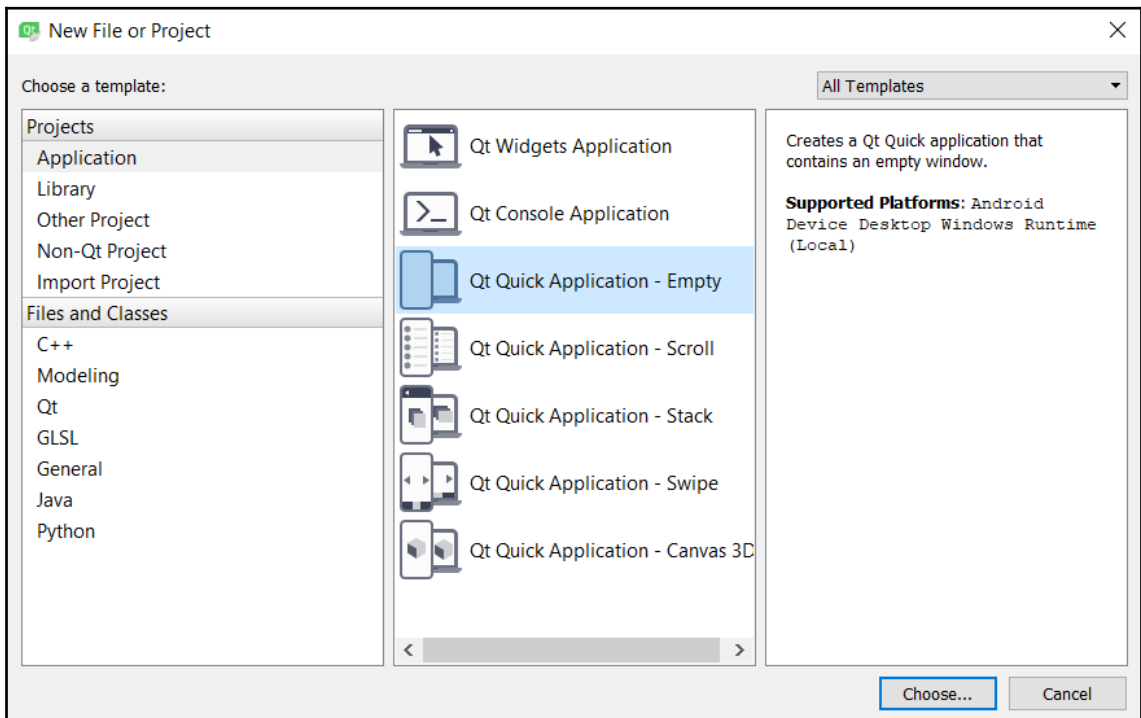


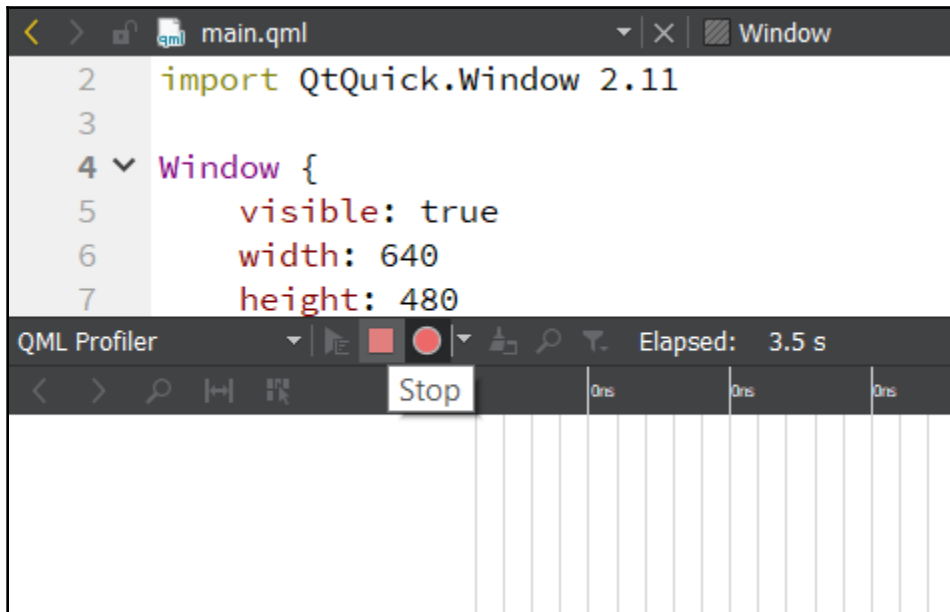
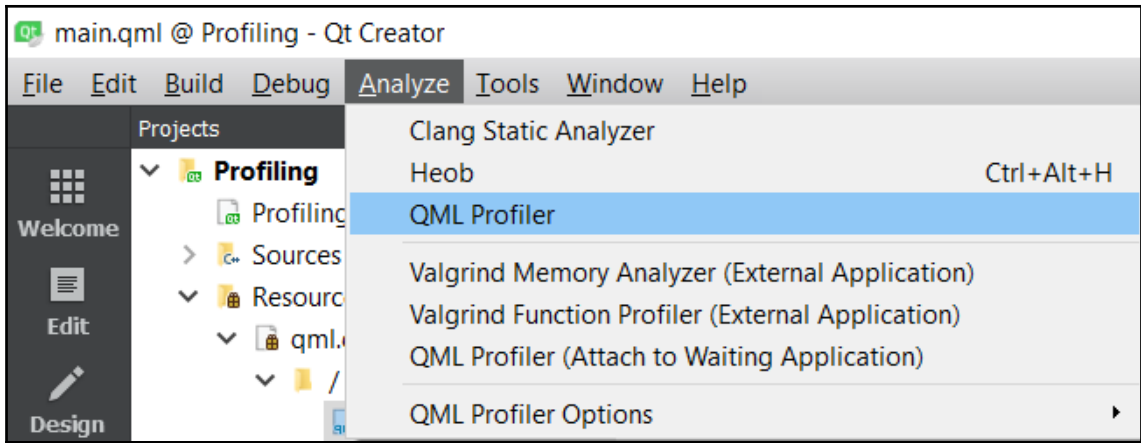
Chapter 13: Performance Optimization

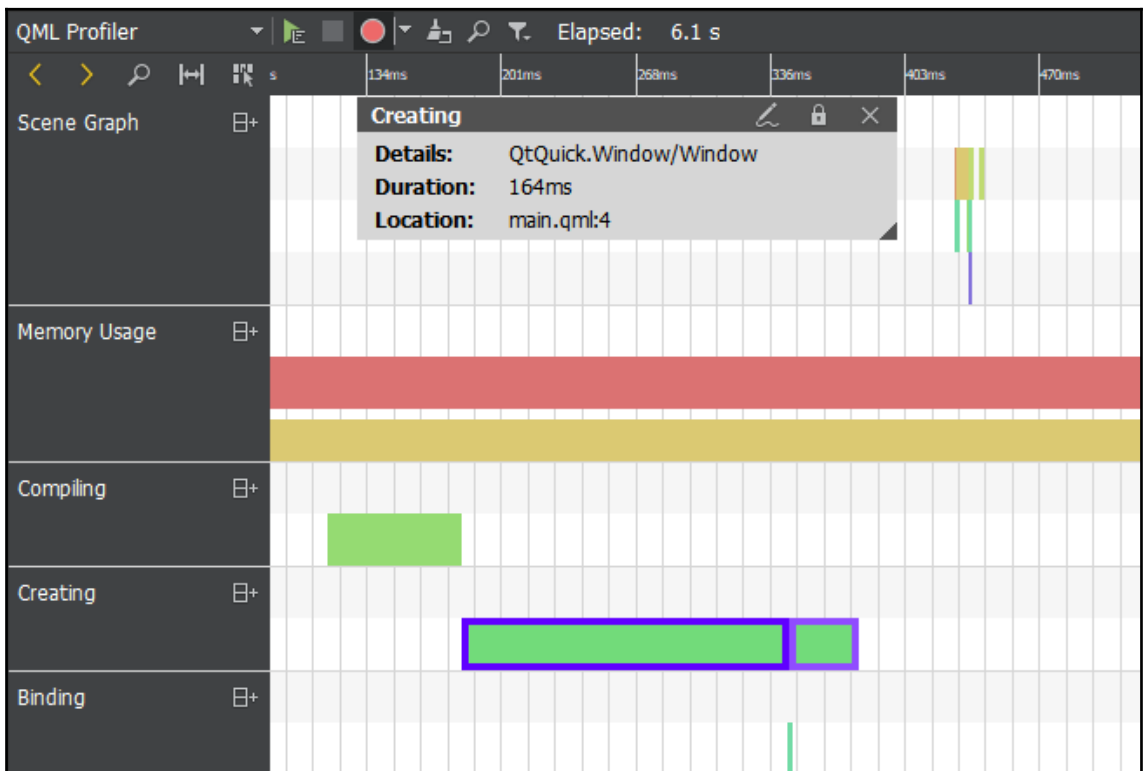
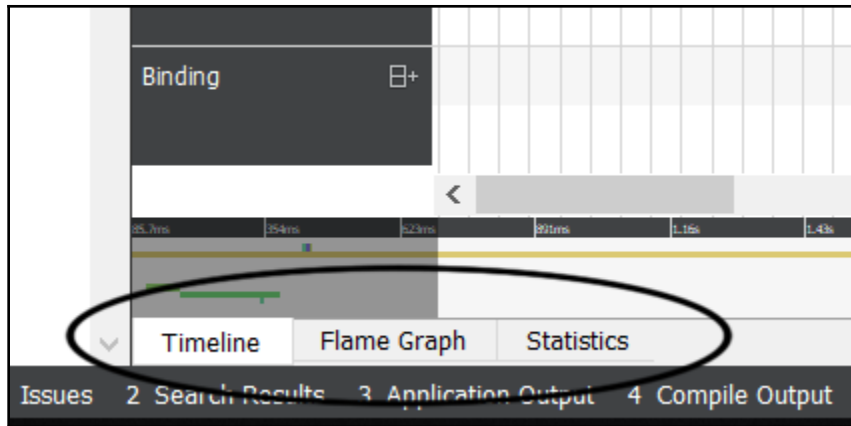


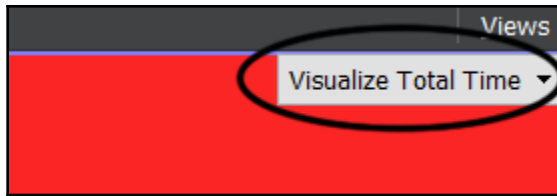


MainWindow : QMainWindow	
Property	Value
Strikeout	<input type="checkbox"/>
Kerning	<input checked="" type="checkbox"/>
Antialiasing	PreferDefault
cursor	Arrow
mouseTracking	<input type="checkbox"/>
tabletTracking	<input type="checkbox"/>
focusPolicy	NoFocus
contextMenuPol...	DefaultContextMenu
acceptDrops	<input type="checkbox"/>
> windowTitle	MainWindow
> windowIcon	









```

~25.2% 1  import QtQuick 2.11
        2  import QtQuick.Window 2.11
        3
~74.8% 4  Window {
        5      visible: true
        6      width: 640
        7      height: 480
        8      title: qsTr("Hello World")
        9  }
       10
  
```

QML Profiler Elapsed: 6.1 s

Location	Type	Time in Percent	Total Time	Self Time in P	Self Time	Calls	Mean Time
<program>		100.00 %	265ms	0.00 %	0ns	1	265ms
main.qml:4	Creating	74.76 %	198ms	74.76 %	198ms	2	99.2ms
main.qml:0	Compiling	25.23 %	66.9ms	25.23 %	66.9ms	1	66.9ms
<bytecode>	Binding	0.01 %	24.6µs	0.01 %	24.6µs	1	24.6µs

Caller	Type	Total Time	Calls	Caller Description
<program>		198ms	2	Main Program

Timeline Flame Graph Statistics

