

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Qt 5.12	Free/Proprietary	Yes	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtbase.git">https://www.qt.io/download,git://code.qt.io/qt/qtbase.git</a>	Mac, Windows or Linux System	Windows, Mac or Linux
1	Qt Creator	Free/Proprietary	-	-	Comes with Qt download <a href="https://www.qt.io/download">https://www.qt.io/download</a>	-	-
2	Qt 5.12	Free/Proprietary	Yes	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtddeclarative.git">https://www.qt.io/download,git://code.qt.io/qt/qtddeclarative.git</a>	Mac, Windows or Linux System	-
3	QtGraphicalEffects 5.12	Free/Proprietary	-	-	<a href="git://code.qt.io/qt/qtgraphicaleffects.git">git://code.qt.io/qt/qtgraphicaleffects.git</a>	-	-
4	3.12 Qt Virtual Keyboard	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtvirtualkeyboard.git">https://www.qt.io/download,git://code.qt.io/qt/qtvirtualkeyboard.git</a>	Touch screen	Windows, Mac or Linux. iOS or Android
5	Qt 5.12	Free/Proprietary	-	-	-	-	-
6	QtConnectivity 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtconnectivity.git">https://www.qt.io/download,git://code.qt.io/qt/qtconnectivity.git</a>	Bluetooth	-
7	QTSensors 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtsensors.git">https://www.qt.io/download,git://code.qt.io/qt/qtsensors.git</a>	Sensors,	Windows, Mac or Linux. iOS or Android
7	QtWebSockets 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtwebsockets.git">https://www.qt.io/download,git://code.qt.io/qt/qtwebsockets.git</a>	-	-
7	QtMqtt 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtmqtt.git">https://www.qt.io/download,git://code.qt.io/qt/qtmqtt.git</a>	-	-
8	QtLocation 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtlocation.git">https://www.qt.io/download,git://code.qt.io/qt/qtlocation.git</a>	GPS	Windows, Mac or Linux.
9	QtMultimedia 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtmultimedia.git">https://www.qt.io/download,git://code.qt.io/qt/qtmultimedia.git</a>	Audio, camera, radio	Mac or Linux. iOS or Android
10	Qt 5.12	Free/Proprietary	-	-	-	-	Mac or Linux. iOS or Android
10	sqlite	free	-	-	<a href="https://www.sqlite.org/download.html">https://www.sqlite.org/download.html</a>	-	Mac or Linux. iOS or Android
10	mysql	free	-	-	<a href="https://dev.mysql.com/downloads/">https://dev.mysql.com/downloads/</a>	-	-
11	QtPurchasing 5.12	Free/Proprietary	-	-	<a href="https://www.qt.io/download,git://code.qt.io/qt/qtpurchasing.git">https://www.qt.io/download,git://code.qt.io/qt/qtpurchasing.git</a>	mobile phone	iOS or Android
12	Boot 2 Qt	Proprietary	yes	-	-	-	-
12	Yocto	free	-	-	<a href="https://www.yoctoproject.org/software-overview/downloads/">https://www.yoctoproject.org/software-overview/downloads/</a>	-	-
12	Buildroot	free	-	-	<a href="https://buildroot.org/download.html">https://buildroot.org/download.html</a>	-	-
12	Crosstool-NG	free	-	-	<a href="https://crosstool-ng.github.io/download/">https://crosstool-ng.github.io/download/</a>	-	-
12	Xcode	free	-	-	<a href="https://developer.apple.com/download/">https://developer.apple.com/download/</a>	-	-
12	Android Studio	free	-	-	<a href="https://developer.android.com/studio">https://developer.android.com/studio</a>	-	-
12	gdb	free	-	-	linux distro, <a href="https://www.gnu.org/software/gdb/">https://www.gnu.org/software/gdb/</a>	-	-
13	Sailfish OS SDK	free	-	-	<a href="https://sailfishos.org/wiki/Application_SDK">https://sailfishos.org/wiki/Application_SDK</a>	-	Windows, Mac or Linux.
13	UBPorts SDK	free	-	-	<a href="https://docs.ubports.com/en/latest/appdev/index.html">https://docs.ubports.com/en/latest/appdev/index.html</a>	-	-
14	Qt for Webassembly 5.13	free	-	-	<a href="https://www.qt.io/download">https://www.qt.io/download</a>	-	Windows, Mac or Linux.
14	emscripten latest	free	-	-	<a href="https://emscripten.org/docs/getting_started/downloads.html">https://emscripten.org/docs/getting_started/downloads.html</a>	-	-
14	Safari, Firefox or Chrome web browsers	-	-	-	-	-	-
15	Boot 2 Qt	-	-	-	-	raspberry pi	Linux
15	Yocto	-	-	-	-	raspberry pi	Linux