

Software specifications

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 => 14	Qt 5.7	Free	N.A	N.A	https://www.qt.io/download-open-source/		Windows / Mac / Linux
5 & 13	Xcode	Free	N.A	N.A	Mac App Store		Mac / iOS
5 & 13	Android SDK	Free	N.A	N.A	https://developer.android.com/studio/index.html		Android
6		Free	N.A	N.A	https://downloads.raspberrypi.org/raspbian_latest	Raspberry Pi 2 or 3	Raspbian Jessie

Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

1. Qt 5.7 online installer:
 - a. Launch the executable
 - b. Skip the Qt Account
 - c. Select “Add or remove components”
 - d. In Qt > Qt 5.7, Select all except:
 - i. Qt SerialBus
 - ii. Qt Gamepad

- iii. Qt SCXML
 - iv. Qt Script
- e. In Tools, Select Qt Creator
- f. Click on Next and finish the installation