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
All	Apache Spark 1.6	Free	NA	NA	http://spark.apache.org/downloads.html	X86	UNIX or MacOSX
6	Apache Kafka 0.9.0.0	Free	NA	NA	http://kafka.apache.org/downloads.html	X86	UNIX or MacOSX

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. Apache Spark:

    a. Download Spark version mentioned in the table

    b. Build Spark from source or use the binary download and follow the detailed instructions given in the page http://spark.apache.org/docs/latest/building-spark.html

    c. If building Spark from source, make sure that the R profile is also built and the instructions to do that is given in the link given in the step b.

2. Apache Kafka

a. Download Kafka version mentioned in the table

b. The "quick start" section of the Kafka documentation gives the instructions to setup Kafka.
   http://kafka.apache.org/documentation.html#quickstart

c. Apart from the installation instructions, the topic creation and the other Kafka setup pre-requisites have been covered in detail in the chapter of the book