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
Chapter 1, *Graph theory and databases*	None						
Chapter 2, *Getting started with Neo4j*,	Neo4j Community v3.2 + Docker (optionnal)	free			www.neo4j.com/download	Decent computer, say 2Gb RAM if no Docker although it would work ; better is 4 Gb for using docker Same configuration for all chapters	Linux, windows, macos LINUX is used in the examples
Chapter 3, *Modeling data for Neo4j*,	none						
Chapter 4, *Getting started with Cypher*,	Neo4j Community v3.2	free					

Chapter 5, *Awesome Procedures On Cypher*,	Neo4j Community v3.2 + Cypher plugin	free			https://github.com/neo4j-contrib/neo4j-apoc-procedures/releases		
Chapter 6, *Extending Cypher*,	Neo4j Community v3.2 + your favorite IDE + Maven	free					
Chapter 7, *Query Performance Tuning*	Neo4j Community v3.2	free					
Chapter 8, *Importing data into Neo4J*,	Neo4j Community v3.2 + APOC	free					
Chapter 9, *Going Spatial*,	Neo4j Community v3.2 + APOC + Neo4j Spatial	free					
Chapter 10, *Security*	Neo4j **Enterprise** v3.2	Free for evaluation	Yes				
Chapter 11, *Visualizations for Neo4jNeo4j Community v3.2*	Neo4j Community v3.2 + text editor and browser to optionnaly play with the	free			Cytoscape is open source, under MIT licence, can be found on GitHub at https://github.com/cytoscape/cytoscape.js, and its documentation can be found at http://js.cytoscape.org/ .		

	library Cytoscape					
Chapter 12, *Data Refactoring with Neo4j*		free				
Chapter 13, *Clustering*,	Neo4j **Enterprise** v3.2 , ssh server (openssh) on unix machines Docker Community edition (latest)	Free for evaluation	Yes			Preferably a Linux machine or several. Can be raspberry pi or docker containers ssh client on main machine and server on other hardware machines
Chapter 14, *Use-case Example – Recommendations*	Neo4j Community v3.2	free				
Chapter 15, *Use-case Example – Impact analysis*	Neo4j Community v3.2	free				

and simulation						
Appendix		free				

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. Neo4j:
    a. Download archive at neo4j.com/download
    b. unziparchive
2. Docker CE
    a. See docker.com
    b. or   sudo apt-get docker-ce   on linux machines