

# Software Hardware List

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
1-12	Go 1.10.x+	Free	N/A	\$0	<a href="https://golang.org/dl/">https://golang.org/dl/</a>	<a href="https://github.com/golang/go/wiki/MinimumRequirements">https://github.com/golang/go/wiki/MinimumRequirements</a>	Any
4-12	MySQL 5.7.x+	Free	N/A	\$0	<a href="https://dev.mysql.com/downloads/mysql/">https://dev.mysql.com/downloads/mysql/</a>	<a href="https://www.mysql.com/support/supportedplatforms/database.html">https://www.mysql.com/support/supportedplatforms/database.html</a>	Any
4-12	CurrencyLayer	Proprietary	Yes	N/A	<a href="https://currencylayer.com/">https://currencylayer.com/</a>	N/A	N/A

## Detailed installation (software-wise)

### 1. Go

- Install with the default settings following the instructions included on the download page or use your favorite package manager
- GOPATH must be set as an environment variable

### 2. MySQL

- Install with the default settings following the instructions included on the download page or use your favorite package manager
- Settings (i.e. username and password) from the installation will be needed to customize the config file in the sample service

### 3. Currency Layer

- This is not a software but a web-based API service
- You will need to create a free account and obtain an **API Access Key**
- The API Access Key will need to be added to the config file for the sample service