

Up & Running with Graph Databases

Tuesday – 8:00 AM - 12:00PM

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In this session, we will be reviewing two graph databases, **Neo4j** and **ArangoDB**, as well as an application that works with each database. For Windows and Mac users, the software you need is available for download from the precompiler page in the one of the following:

up-and-running-with-graph-databases-software-Windows.zip

up-and-running-with-graph-databases-software-MacOS.zip.

For Linux users, I've included links where necessary.

We will spend time reviewing the install during the session. However, my email can be found above if you start & get stuck on an install or have other questions prior to the session event. You can also use the slack channel at codemash.slack.com

The following software is required for **Neo4j**:

1. JDK (Java Development Kit) version 8. The Windows (x64) and Mac versions are available on the precompiler page in the zip file.

However, if you need a Linux version go here and follow steps 1-4 below:

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

1. Go to the section the "Java SE Development Kit 8u191" and find version that matches your operating system.
2. Select "Accept License Agreement"
3. Click the link to download the version you need.
4. Once it is downloaded, install the JDK

To confirm installation, run the following command from a command prompt / terminal:

```
java -version
```

The prompt should send back something *like* this:

```
java version "1.8.0_191"  
Java(TM) SE Runtime Environment (build 1.8.0_191-b12)  
Java HotSpot(TM) 64-Bit Server VM (build 25.191-b12, mixed mode)
```

2. Neo4j Enterprise version 3.4.9 – The Windows, Linux and Mac versions in the zip file.
3. Neo4j Plugins – Spatial and APOC – This also available in the zip file on the precompiler page.

The following software is required for **ArangoDB**:

1. ArangoDB community edition – The Windows and Mac versions are available on the precompiler page in the zip file.

If you need another version, go here:

<https://www.arangodb.com/download-major/>

The following software is highly recommended for the code examples.

Finally, in order to run the code examples, it is highly recommended to install IntelliJ (enterprise or community edition). I had to pick one and it's this one. 😊

The Windows and Mac enterprise versions are available on the precompiler page in the zip file.

They can also be downloaded from here: <https://www.jetbrains.com/idea/download/>