

Pre-class setup

Software Requirements:

Task 1: Install Git software.

Download git from the following.

For Windows:

- <https://git-scm.com/download/win>

For MacOS:

- <https://git-scm.com/download/mac>

For Linux:

- <https://git-scm.com/download/linux>

While downloading make sure you are downloading the **latest** version



After installation, you can verify your installation by the running command in your CMD (command prompt) / Terminal

git --version

Tips for Installation:

While installing git in windows, you can select the default options in all screens.

Installing Visual Studio Code:

Task 2: Install an IDE

You can use any IDE or editor that is capable of editing YAML files. In this course, the instructors will be using Visual Studio Code. If you like to use Visual Studio Code, please download and install from here

<https://code.visualstudio.com/download>

For Windows, please install the 64bit either User or System Installer.

Installing MongoDB:

Task 3: Install MongoDB

MongoDB is a document database. In workshops 2, 3 and 4, our service will access a Mongo database.

The installation instructions for MongoDB can be found here

<https://docs.mongodb.com/manual/administration/install-community/>

For Windows, please see this link

<https://docs.mongodb.com/manual/tutorial/install-mongodb-on-windows/#download-mdb-edition> .

Please note the various requirements for Windows notebook

Alternatively, you can use the free Mongo Atlas which gives you a 500MB of database. This should be sufficient for your need. If you are planning on using Mongo Atlas, use the following link

<https://www.mongodb.com/cloud/atlas>

Once you've login to your Atlas, provision a cluster. See the following video if you need any help

<https://www.youtube.com/watch?v=KKyag6t98g8>

Installing NodeJS:

Task 4: Install NodeJS

Go to the following to download NodeJS

<https://nodejs.org/en/download/>

Select 'Current Latest Features' tab.

Download the package for your operating system. For Windows, please download the 64-bit Windows Installer (.msi)

Once you've downloaded, click on the .msi file to install

Configuring Git

Open your command line terminal and run the following command

```
git config --global user.name "Your name"  
git config --global user.email "email used in Github  
account"
```