

1. Tools to install and How To



Installing Cmdr - Windows command Line
Search for: cmdr.net



Install NodeJS

Go to: <https://nodejs.org> and pick either the Windows or Mac installation
Check if node was installed correctly or if you already have it installed.
Run the following command: `$ node --version`



Visual Studio code. To install go to: <https://code.visualstudio.com> and download it.

Visual Studio Code Editor Commands and Shortcuts please see Keyboard Shortcuts for Mac and Windows Cheat Sheets.



Initializing a node app

Navigate to your project folder through command line, and type: `$ npm init`
To open this project in our Code Editor, type: `$ code .` and hit the return key.

Express

Installing Express in our Project

Navigate to your project folder and into the server folder (folder names don't really matter). Then type the following command: `$ npm install express --save` and hit the return key.



Running our Node App

Navigate to where the app.js or index.js is located (via the command line) and then type the following command: `$ node app` and hit the return key.



Installing GraphQL and Express-graphql Modules

Navigate to your server folder and then type: `$ npm install graphql express-graphql` and return key.



Installing Nodemon

Type the following: `$ npm install nodemon -g` and hit return. The -g is for a global installation. Also you may need to add sudo for admin permissions on Mac. Once installed, just type: `$ nodemon app`



Install lodash

Navigate to the server folder, and type: `$ npm install lodash --save` and return key.