

EcoPRT Vehicle Network Solution Installation Guide

What to Download

- Node.js 8.9.4
 - For Windows/Mac
 - <https://nodejs.org/en/>
 - Download the one that says “recommended for most user”
 - For Linux
 - <https://nodejs.org/en/download/package-manager/>
- MongoDB 3.6.3
 - For Windows/Mac
 - <https://www.mongodb.com/download-center#community>
 - Click the Community Server tab
 - In this tab, click the tab for you specific OS
 - Download the program
 - For Linux
 - <https://docs.mongodb.com/manual/tutorial/install-mongodb-on-ubuntu/>
- Github Repository
 - Download repository from Github and save in an easy to find spot

MongoDB Setup

Running MongoDB:

- For Linux
 - <https://docs.mongodb.com/manual/tutorial/install-mongodb-on-ubuntu/>
 - Then go to the "Run MongoDB Community Edition" section to run MongoDB
- For Mac
 - <https://docs.mongodb.com/manual/tutorial/install-mongodb-on-os-x/>
- For Windows 10
 - Add MongoDB to path variable
 - Open Windows Explorer
 - Right click on “This PC” on left hand side and click properties
 - In the new window, click “Advanced system settings” on the left
 - In the pop up, click “Environment Variables” at the bottom
 - In the new pop up, highlight “Path” in top box and click “Edit..”
 - Click New
 - Enter “C:\Program Files\MongoDB\Server\Version_Number\bin”
 - Click “OK” to close all the pop ups that appeared throughout the steps
 - Exit out of all the windows you don’t need
 - Go to your C: drive
 - Add a folder called "data"
 - Go into the new “data” folder and make another folder called “db”
 - Open a terminal and enter "mongod"

- The terminal will say “waiting for connection” indicating that the database is running
- Keep this terminal running as long as you need to run the web application

Running the Web Application

- Make sure MongoDB is running
- Open a terminal
- cd to where Github repo is
- Run "npm install"
- Run "node index_v2.js"
 - For Linux, you run "sudo node index_v2.js"
- In a web browser, go to localhost:80
 - You should see a picture on the screen with a navbar at the top
 - This means that it's running correctly
- You can now use the system

Terminating System

- Close web browser or tab that has the web application running
- Go to terminal where you ran “mongod” and enter ctrl-C to close the database
- Go to terminal where you ran “node index_v2.js” and enter ctrl-C to close the connection