**ELECTRO BLOCKS SET-UP(SERVER)**

**Steps to run the project:**

* Clone the project file from GitHub
* [**ElectroBlocks/server: This is a project that allows you to have a node server that compile arduino code.**](https://github.com/ElectroBlocks/server)
* Install node.js, you can find the download link below.
* [**https://nodejs.org/en**](https://nodejs.org/en)
* If node.js is already installed in system update it to latest version.
* After installing node.js, Open git bash
* go to your project dir -> cd into folder (server) -> use npm to install the project dependencies in the project environment.
* Run command (npm install).
* Install Arduino library using -> Chmod +x install\_arduino.sh
* Set the bin file path in the environment settings.
* Check the Arduino cli version by using command -> Arduino-cli version
* If you are getting the Arduino cli version means cli is installed in your system if not, do the process again.
* Then Run the command -> ./install\_arduino.sh
* Check the installed board by using command -> Arduino-cli core list.
* Check the installed library by using command -> Arduino-cli lib list.
* If all the libraries are not installed, use the command below to download manually:
* Arduino-cli lib install “library name”.
* Change the URL in evn.development into localhost -> server\_arduino\_url -> “http://localhost:3000"