

Setting up the server environment.

Note: The following instructions are targeted for Linux and macOS environments.

Prerequisites:

1. Docker
 - a. To install docker, go to <https://docs.docker.com/install/> and choose the appropriate installation instructions.
 - b. Select the Community Edition.
2. Node and npm
 - a. Go to <https://docs.npmjs.com/downloading-and-installing-node-js-and-npm> and follow the instructions for your environment.
 - b. It is also recommended to install NVM which can be found on the same page. NVM is for managing node versions.
3. Git
 - a. Go to <https://git-scm.com/downloads> and follow the instructions for installing git in your environment.

Clone:

1. Open a terminal in you preferred directory, such as home.
`cd ~`
2. Clone the repository:
`git clone https://github.com/kenbonilla/irondb.git`

Install and launch containers using the Iron Shell:

1. Open the root directory:
`cd ~/irondb`
2. Run the setup script:
`./iron.sh -i`
3. Go to your browser and navigate to <http://localhost:3001/> . This should bring you to the landing page.

Shutdown procedures:

Shutdown with the Iron Shell `./iron.sh -s`

Useful options for the Iron Shell:

-h – Help:

To see the list of all options.

-i – First time installation:

Install the local dependencies and build the containers. The containers will launch once built.

-l – Launch:

Launches the containers in their previous state.

-g – Logs:

With the containers running, you can view the logs at any time.

-s – Stop containers:

Stops the containers.

(EOF)