**Setting up the server environment.**

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

**Prerequisites:**

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

1. 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

1. Run the setup script:

./iron.sh -i

1. 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)