

Getting Started:

<https://github.com/jjjipanda/CXIA>

Download the repository.

Setting up the Server:

The website runs on a linux server, using a daily cron daemon, nodeJS and 1 external package that does not come with node,

Curl: <https://www.npmjs.com/package/curl>

which can be downloaded on command line with `npm install curl`.

Setting up the Cron Daemon:

In the JSON folder, there are 3 files: a `createJSON.sh` file calls the `run.js` file which calls the `coinDatabase.js` file. The `cd` command in `createJSON.sh` must be adjusted such that it links to the JSON folder.

Be sure to set the `createJSON.sh` as an executable file by the `chmod` command.

While in the JSON folder in command line, run the command `crontab -e`, which should prompt you to select a text editor and then open a document.

The following command must be entered:

```
x y * * * cd "INSERT PATH TO JSON FOLDER HERE" && ./createJSON.sh
```

The `x` and `y` are integers ranging from 0-59 and 0-23 respectively, which specify the time the command is set to run at everyday.

Website and HTML:

Changing Search Bar Autocomplete / View All List:

`scripts/script.js` Line 1:

```
var availableTags = ['crypto_identifier1', 'crypto_identifier2'...]
```

You can add different cryptocurrencies by adding the symbol. Note that the symbol should work with the CryptoCompare API. To test this go to this URL with the symbol inserted:

```
https://min-api.cryptocompare.com/data/histohour?fsym='INSERT SYMBOL  
HERE'&tsym=USD&limit=0&e=CCCAGG
```

You should get a JSON output with price data. If you add a cryptocurrency to HTML list, you'll also need to add that coin to the `coinDatabase.js` file, adding the symbol to line 6:

```
var a = [ 'symbol_1', 'symbol_2',... 'symbol_n', 'INSERT SYMBOL HERE'];
```

Editing Charts:

From scripts/script.js Line 209:

```
createChartDIV(num of charts, [help_text1, help_text2, ...])
```

From scripts/script.js Line 210:

```
createCharts(json object, ['json_path1','json_path2', ...],  
['column_display_name1','column_display_name2', ...], [[0, chart1_path_index1,  
chart1_path_index2, ...], [0, chart2_path_index1, chart2_path_index2, ...], ...],  
[first_column_is_bar_graph1, first_column_is_bar_graph2, ...])
```