

Package ‘coinmarketcapr’

June 27, 2019

Type Package

Title Get Cryptocurrencies Market Cap Prices from Coin Market Cap

Version 0.2

Description Extract and monitor price and market cap of 'Cryptocurrencies' from 'Coin Market Cap' <<https://coinmarketcap.com/api/>>.

URL <http://github.com/amrrs/coinmarketcapr>

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LazyData true

Imports jsonlite, ggplot2, curl

Suggests testthat, knitr, rmarkdown, ggthemes, dplyr

RoxygenNote 6.1.1

VignetteBuilder knitr

Encoding UTF-8

BugReports <https://github.com/amrrs/coinmarketcapr/issues>

NeedsCompilation no

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coinmarketcapr *coinmarketcapr: Cryptocurrency Market Cap Prices from CoinMarketCap*

Description

Extract and monitor price and market cap of 'Cryptocurrencies' from 'CoinMarketCap' <https://coinmarketcap.com/api/> that lists many leading cryptocurrencies along with their price, 24h trade volume, market cap and much more in USD and other currencies.

See Also

Useful links:

- <https://coinmarketcap.com/api/>
- <https://github.com/amrrs/coinmarketcapr>
- Report bugs at <https://github.com/amrrs/coinmarketcapr/issues>

get_global_marketcap *Extract Global Market Cap of Cryptocurrency Market*

Description

Extract Global Market Cap of Cryptocurrency Market

Usage

```
get_global_marketcap(currency = "USD")
```

Arguments

currency currency code - Default is 'USD'

Value

A dataframe of to get global market cap of Cryptocurrencies Market

Examples

```
get_global_marketcap('AUD')  
get_global_marketcap('EUR')
```

`get_marketcap_ticker_all`

Extract Global Market Cap of Leading Cryptocurrencies

Description

Extract Global Market Cap of Leading Cryptocurrencies

Usage

```
get_marketcap_ticker_all(currency = "USD")
```

Arguments

currency currency code - Default is 'USD'

Value

A dataframe of top Cryptocurrencies with id, name, symbol, rank, price_usd, price_btc, 24h_volume_usd, market_cap_usd, available_supply, total_supply, percent_change_1h, percent_change_24h, percent_change_7d, last_updated

Examples

```
get_marketcap_ticker_all('EUR')  
get_marketcap_ticker_all('GBP')
```

`get_valid_currencies` *Get Valid Currencies*

Description

Get Valid Currencies

Usage

```
get_valid_currencies()
```

Value

A character vector of valid currencies supported by coinmarketcap API

Examples

```
get_valid_currencies()
```

plot_top_currencies *Plot The Price of the Largest Market Cap Cryptocurrencies*

Description

Plot The Price of the Largest Market Cap Cryptocurrencies

Usage

```
plot_top_currencies(currency = "USD", k = 5, bar_color = "grey")
```

Arguments

currency	currency code (default is 'USD')
k	the number of top cryptocurrencies to plot (default is 5)
bar_color	a valid color name or hexadecimal color code (default is 'grey')

Value

A ggplot of top Cryptocurrencies based on their rank (Market Cap)

Examples

```
plot_top_currencies('EUR')  
plot_top_currencies('GBP')
```

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