

Package ‘coindesk’

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Type Package

Title Access 'CoinDesk' Bitcoin Price Index API

Version 0.1.0

Date 2018-01-05

Description Extract real-time Bitcoin price details by accessing 'CoinDesk' Bitcoin price Index API <<https://www.coindesk.com/api/>>.

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Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Suggests testthat

Imports httr, jsonlite

URL <https://github.com/amrrs/coindesk>

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

NeedsCompilation no

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R topics documented:

get_currency_list	2
get_current_price	2
get_historic_price	3
get_last31days_price	3
Index	4

get_currency_list *Extract List of currency codes supported by Coindesk*

Description

Extract List of currency codes supported by Coindesk

Usage

```
get_currency_list()
```

Value

Dataframe of different currency codes supported by Coindesk along with its country

Examples

```
get_currency_list()
```

get_current_price *Extract Bitcoin Price Index from Coindesk API*

Description

Extract Bitcoin Price Index from Coindesk API

Usage

```
get_current_price(currency = "USD", only_price = FALSE)
```

Arguments

currency	a valid ISO 4217 currency code supported by coindesk - verify with get_currency_list(), default is USD
only_price	a TRUE/FALSE flag to force-return only the bitcoin price filtering other associated info

Value

dataframe containing Bitcoin Price and other associated info returned from the API call if only_price is FALSE, if TRUE, returns only the numeric value of Bitcoin price in the given currency

Examples

```
get_current_price()
```

get_historic_price	<i>Extract historic Price of Bitcoin for the given time period and given currency</i>
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Description

Extract historic Price of Bitcoin for the given time period and given currency

Usage

```
get_historic_price(currency = "USD", start = Sys.Date() - 2,  
end = Sys.Date() - 1)
```

Arguments

currency	a valid ISO 4217 currency code supported by coindesk - verify with get_currency_list(), default is USD
start	start date supplied in the YYYY-MM-DD format, e.g. 2013-09-01 for September 1st, 2013. default is current date - 2
end	end date supplied in the YYYY-MM-DD format, e.g. 2013-09-01 for September 1st, 2013. default is current date - 1

Value

Dataframe with the requested currency Price as one column and Date as rownames

Examples

```
get_historic_price()
```

get_last31days_price	<i>Extract daily USD Price of Bitcoin for the last 31 days</i>
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Description

Extract daily USD Price of Bitcoin for the last 31 days

Usage

```
get_last31days_price()
```

Value

Dataframe with USD Price as one column and Date as rownames

Examples

```
get_last31days_price()
```

Index

`get_currency_list`, [2](#)
`get_current_price`, [2](#)
`get_historic_price`, [3](#)
`get_last31days_price`, [3](#)