

Package ‘ubci’

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Version 0.0.3

Title Get Cryptocurrency Related Data by Upbit

Description Get 'UBCI' & Price from 'Upbit'.

'ubci' is the abbreviation of 'UpBit Crypto Index' and is the name of the index provided by 'upbit'. The 'upbit' is one of the cryptocurrency exchange in Korea. The 'ubci' package is a wrapper around the ticker information and 'ubci' API supplied by 'upbit'.

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Encoding UTF-8

LazyData true

ByteCompile true

URL <https://github.com/mrchypark/ubci>

BugReports <https://github.com/mrchypark/ubci/issues>

RoxygenNote 6.0.1.9000

Imports httr, lubridate, tibble, dplyr, tidyr, magrittr

Suggests testthat

Depends R (>= 3.2)

NeedsCompilation no

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ubci_get	<i>get coin price</i>
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Description

get coin price data from source. Source is <https://upbit.com/exchange>. This page shows the multiple cryptocurrency price.

Usage

```
ubci_get(code, from, to)
```

Arguments

code	coin name fom ubci_get_options() link "UPBIT.KRW-BTC".
from	Optional for various time series. A character string representing a start date in YYYY-MM-DD format. Default is 2000-01-01.
to	Optional for various time series. A character string representing an end date in YYYY-MM-DD format. Default is system date today.

Value

Return type is tibble has columes contain code, date, open, high, low, close, volume.

Examples

```
btc <- ubci_get(code = "UPBIT.KRW-BTC")
btc

ubci_get(code = "UPBIT.KRW-BTC", from="2018-05-15")
ubci_get(code = "UPBIT.KRW-BTC", to="2018-05-15")
```

ubci_get_options	<i>get ubci options</i>
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Description

get ubci options from source.

Usage

```
ubci_get_options(lang = c("en", "ko"))
```

Arguments

lang language options. Default is en for English. ko is possible for Korean.

Examples

```
ubci_get_options()
ubci_get_options("ko")
```

ubci_index	<i>get ubci index</i>
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Description

get ubci index data from source. Source is [here](#).

Usage

```
ubci_index(index = "UBMI", from = "2000-01-01",
           to = as.character(Sys.Date()))
```

Arguments

index default is UBMI.
from Optional for various time series. A character string representing a start date in YYYY-MM-DD format.
to Optional for various time series. A character string representing an end date in YYYY-MM-DD format. Default is system date today.

Value

Return type is tibble has columns contain index, date, open, high, low, close.

Examples

```
index <- ubci_index(index = "UBMI")
index

ubci_index(index = "UBMI", from="2018-05-15")
ubci_index(index = "UBMI", to="2018-05-15")
```

ubci_index_options *get ubci index options*

Description

get ubci index options from source.

Usage

```
ubci_index_options(lang = c("en", "ko"))
```

Arguments

lang language options. Default is en for English. ko is possible for Korean.

Examples

```
ubci_index_options()  
ubci_index_options("ko")
```

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