

# Package ‘ubci’

June 10, 2019

**Version** 0.0.5

**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'.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**ByteCompile** true

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

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

**RoxygenNote** 6.1.1

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

**Suggests** testthat

**Depends** R (>= 3.2)

**NeedsCompilation** no

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**Repository** CRAN

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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")
```

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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")
```

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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")
```

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ubci\_index\_options     *get ubci index options*

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**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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