

Package ‘banxicoR’

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Type Package

Title Download Data from the Bank of Mexico

Version 0.9.0

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Description Provides functions to scrape IQY calls to Bank of Mexico, downloading and ordering the data conveniently.

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Imports rvest, stringr, xml2

LazyData TRUE

RoxygenNote 5.0.1

NeedsCompilation no

Repository CRAN

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BanxicoCatalog	<i>Catalog of some ID's</i>
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Description

A dataset containing the id's for some Banxico series.

Usage

```
BanxicoCatalog
```

Format

A data frame with 133 rows and 9 variables:

PARENT Parent or theme of data series

LEVEL_1 Level one category

LEVEL_2 Level two category

LEVEL_3 Level three category

LEVEL_4 Level four category

LEVEL_5 Level five category

LEVEL_6 Level six category

FREQUENCY Frequency of data (i.e. monthly)

ID ID to pass to banxico series

banxico_series	<i>Returns data series from BANXICO</i>
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Description

Returns data.frame with BANXICO data series

Usage

```
banxico_series(series, metadata = FALSE, verbose = FALSE, mask = FALSE)
```

Arguments

series	Series ID
metadata	If TRUE returns list with metadata information
verbose	If TRUE prints steps while executing
mask	if TRUE names data column "value", not the id

Value

data.frame

Author(s)

Eduardo Flores

Examples

```
# Bank of Mexico international reserves
## Not run:
reserves <- banxico_series("SF110168")

## End(Not run)
```

compact_banxico_series

Compacts data and metadata into a data.frame

Description

Returns data.frame with metadata and data from `banxico_series()` in data.frame form. Each metadata data is replicated in its corresponding column.

Usage

```
compact_banxico_series(series)
```

Arguments

series series ID

Author(s)

Eduardo Flores

Examples

```
## Not run:
df <- compact_banxico_series("SF110168")

## End(Not run)
```

helpers

Helper functions for banxico series

Description

See details

Usage

```
banxico_parsetrim(string, trim_begin = TRUE)
```

```
banxico_parsemeta(slist, lookfor, exclude = FALSE)
```

Arguments

string	x
trim_begin	y
slist	z
lookfor	m
exclude	d

Details

`banxico_parsetrim` translates banxico trimesters to dates. `banxico_parsemeta` extracts metadata from banxico iqy call.

Examples

```
# trimester
string <- "Jan-Mar 2015"
trim <- banxico_parsetrim(string)
```

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