

Package ‘casabourse’

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Type Package

Title Casablanca Stock Exchange Data

Version 2.0.0

Description It provides real-time data from the Casablanca Stock Exchange. The objective is to facilitate access to data for all users of the R programming language.
It includes a variety of data accessible just by function call.

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URL <https://github.com/AODiakite>,
<https://rpubs.com/AODiakite/casabourse>

Encoding UTF-8

RoxygenNote 7.2.1

Imports gsheets, rvest, RJSONIO, R.utils

Suggests rmarkdown, knitr

VignetteBuilder knitr

NeedsCompilation no

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bySector	<i>bySector</i>
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Description

It returns a table containing data by industry. It is a function without arguments.

Usage

```
bySector()
```

Value

data.frame

Examples

```
{R.utils::withTimeout(bySector(), timeout = 4)}
```

daily.data	<i>Daily data</i>
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Description

As its name suggests, this function returns the daily prices of a security between two dates given by the user. It receives three arguments.

Usage

```
daily.data(ticker = "ATW", from = "28-12-2020", to = "11-08-2022")
```

Arguments

ticker	ticker that matches the title that interests us (to remind you know all the tickers of the securities through the tickers() function)
from	It represents the start date of data collection. This argument is of the type "day-month-year".
to	It represents the date of stopping data collection. This argument is of the type "day-month-year".

Value

data frame

Examples

```
daily.data(ticker = "ATW", from = "01-01-2016", to = "01-01-2021")
```

`get_info`*Get info*

Description

This function allows you to get quick information about a company

Usage

```
get_info(ticker)
```

Arguments

`ticker` ticker that matches the title that interests us (to remind you know all the tickers of the securities through the `tickers()` function)

Value

data frame

Examples

```
{R.utils::withTimeout(get_info("adh"), timeout = 4)}
```

`instruments`*instruments*

Description

It is without argument and gives us information on the financial instruments of the market, such as the ISIN code, the sub-fund, the number of securities etc.

Usage

```
instruments()
```

Value

data.frame

Examples

```
R.utils::withTimeout(instruments(), timeout = 4)
```

`masi.data`*masi.data*

Description

This is a function for downloading data from the MASI index. It returns a given table.

Usage

```
masi.data()
```

Value

data.frame

Examples

```
## Not run: masi.data()
```

`msi20.data`*MSI20*

Description

MSI20

Usage

```
msi20.data()
```

Value

returns a data frame of the MSI20 index

Examples

```
msi20.data()
```

tickers	<i>tickers</i>
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Description

This function takes no arguments and returns a data table associating each company with a ticker. It is important to visualize the tickers. Indeed, they are used by the other functions of the package to represent the companies to which they correspond.

Usage

```
tickers()
```

Value

```
data.frame
```

Examples

```
tickers()
```

today.market	<i>today.market</i>
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Description

is without argument and returns the current price of financial instruments as well as their variations, their opening prices, their max etc.

Usage

```
today.market()
```

Value

```
data.frame
```

Examples

```
## Not run: today.market()
```

today.prizelist	<i>today.prizelist</i>
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Description

It receives " up " or " down " respectively and returns a table prizelist of rising or falling prices of market instruments

Usage

```
today.prizelist(up_or_down)
```

Arguments

up_or_down	rise or fall prize list
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Value

data.frame

Examples

```
## Not run: today.prizelist('up')
```

today.transactions	<i>today.transactions</i>
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Description

It allows you to obtain a table of transactions for the day. It is a function without arguments.

Usage

```
today.transactions()
```

Value

data.frame

Examples

```
## Not run: today.transactions()
```

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