

# Package ‘casabourse’

August 19, 2022

**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.

**License** GPL-2

**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

**Author** Abdoul Oudouss Diakité [aut, cre]

**Maintainer** Abdoul Oudouss Diakité <abdouloudoussdiakite@gmail.com>

**Repository** CRAN

**Date/Publication** 2022-08-19 21:30:09 UTC

## R topics documented:

|                              |   |
|------------------------------|---|
| bySector . . . . .           | 2 |
| daily.data . . . . .         | 2 |
| get_info . . . . .           | 3 |
| instruments . . . . .        | 3 |
| masi.data . . . . .          | 4 |
| msi20.data . . . . .         | 4 |
| tickers . . . . .            | 5 |
| today.market . . . . .       | 5 |
| today.prizelist . . . . .    | 6 |
| today.transactions . . . . . | 6 |

**Index**[7](#)


---

|          |                 |
|----------|-----------------|
| bySector | <i>bySector</i> |
|----------|-----------------|

---

**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> |
|------------|-------------------|

---

**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> |
|---------|----------------|

---

**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> |
|--------------|---------------------|

---

**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> |
|-----------------|------------------------|

---

**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 |
|------------|-------------------------|

**Value**

data.frame

**Examples**

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

---

|                    |                           |
|--------------------|---------------------------|
| today.transactions | <i>today.transactions</i> |
|--------------------|---------------------------|

---

**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()
```

# Index

`bySector`, [2](#)

`daily.data`, [2](#)

`get_info`, [3](#)

`instruments`, [3](#)

`masi.data`, [4](#)

`msi20.data`, [4](#)

`tickers`, [5](#)

`today.market`, [5](#)

`today.prizelist`, [6](#)

`today.transactions`, [6](#)