Package ‘restimizeapi’

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Type Package

Title Functions for Working with the 'www.estimize.com' Web Services

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Description Provides the user with functions to develop their trading strategy, uncover actionable trading ideas, and monitor consensus shifts with crowdsourced earnings and economic estimate data directly from <www.estimize.com>. Further information regarding the web services this package invokes can be found at <www.estimize.com/api>.

Depends R (>= 3.1.3), RCurl, RJSONIO

Suggests testthat

SystemRequirements

LazyLoad yes

License LGPL-3

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URL http://www.r-project.org,
    http://coherentlogic.com/middleware-development/
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**Description**

Function prints some information about this package.

**Usage**

About()

**Examples**

```r
## Not run:
About()

## End(Not run)
```

---

**GetCompanies**

*Returns the company information for all companies that Estimize covers.*

---

**Description**

Returns the company information for all companies that Estimize covers.

**Usage**

GetCompanies()

**Value**

The companies information as a data frame.
Examples

```r
## Not run:
result <- GetCompanies()

## End(Not run)
```

GetCompany (ticker) Returns the company information for the company specified by the ticker.

Description

Returns the company information for the company specified by the ticker.

Usage

GetCompany(ticker)

Arguments

- **ticker**
  
  The Estimize ticker – for example "MSFT".

Value

The company information as a data frame.

Examples

```r
## Not run:
result <- GetCompany("msft")

## End(Not run)
```

GetCompanyEstimates (ticker) Returns all estimates for a company specified by the ticker.

Description

Returns all estimates for a company specified by the ticker.

Usage

GetCompanyEstimates(ticker, year = NULL, quarter = NULL)
GetCompanyReleases

Arguments

ticker The Estimize ticker – for example "MSFT".
year A four-digit year – for example 1999.
quarter A numeric value between 1 and 4 inclusive. Note that if the quarter is used the year must also be set as well.

Value

The company estimates as a data frame.

Examples

## Not run:
result <- getCompanyEstimates ("MSFT")
result <- getCompanyEstimates ("MSFT", 2015)
result <- getCompanyEstimates ("MSFT", 2015, 2)

## End(Not run)

GetCompanyReleases  Returns the past financial releases for the specified company by the ticker, for the specified fiscal year, and quarter.

Description

Returns the past financial releases for the specified company by the ticker, for the specified fiscal year, and quarter.

Usage

GetCompanyReleases(ticker, year = NULL, quarter = NULL)

Arguments

ticker The Estimize ticker – for example "MSFT".
year A four-digit year – for example 1999.
quarter A numeric value between 1 and 4 inclusive; note that if the quarter is used the year must also be set as well.

Value

The company releases as a data frame.
GetEstimates

Examples

```r
## Not run:
result <- GetCompanyReleases ("MSFT")
result <- GetCompanyReleases ("MSFT", 2009)
result <- GetCompanyReleases ("MSFT", 2009, 2)

## End(Not run)
```

GetEstimates  

*Returns all estimates in the specified date-range for all companies.*

Description

Returns all estimates in the specified date-range for all companies.

Usage

```r
GetEstimates(startDate, endDate)
```

Arguments

- `startDate`  
The start date, which must be in the format YYYY-MM-DD, for example "2015-01-20"

- `endDate`  
The end date, which must be in the format YYYY-MM-DD, for example "2015-02-15"

Value

The estimates as a data frame.

Examples

```r
## Not run:
result <- GetEstimates ("2015-01-20", "2015-02-15")

## End(Not run)
```
GetReleaseConsensus  

*Returns the current consensus as well as the consensus history of the specified release. The user can obtain the id from results returned from the GetCompanyReleases function.*

**Description**

Returns the current consensus as well as the consensus history of the specified release. The user can obtain the id from results returned from the GetCompanyReleases function.

**Usage**

`GetReleaseConsensus(id)`

**Arguments**

- `id`  
The company identifier.

**Value**

The release consensus as a data frame.

**Examples**

```r
### Not run:
result <- GetReleaseConsensus("535c963053c804e0d50002a1")

### End(Not run)
```

---

**Description**

Provides the user with functions to develop their trading strategy, uncover actionable trading ideas, and monitor consensus shifts with crowdsourced earnings and economic estimate data directly from <www.estimize.com>. Further information regarding the web services this package invokes can be found at <www.estimize.com/api>.
Details

Provides a complete implementation of all web methods available at api.estimize.com – functions available include:

- GetCompanies
- GetCompany
- GetCompanyEstimates
- GetCompanyReleases
- GetEstimates
- GetReleaseConsensus

Note that the `SetKey` function must be called `once` prior to invoking any of the other functions in this package.

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SetKey

*Function sets the key which is required as a header in every web method call to estimize.com – contact <sales@estimize.com> to obtain a key.*

---

Description

Function sets the key which is required as a header in every web method call to estimize.com – contact <sales@estimize.com> to obtain a key.

Usage

`SetKey(key)`

Arguments

- `key` The API key as provided by Estimize.com.

Examples

```r
## Not run:
SetKey("ENTER YOUR PRIVATE API KEY HERE."

## End(Not run)
```
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