

# 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/  
r-package-for-the-estimize-com-api?source=cran](http://coherentlogic.com/middleware-development/r-package-for-the-estimize-com-api?source=cran),  
<https://www.estimize.com?source=cran>

**Repository** CRAN

**Archs** i386, x64

**NeedsCompilation** no

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About	<i>Function prints some information about this package.</i>
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**Description**

Function prints some information about this package.

**Usage**

About()

**Examples**

```
## Not run:
  About()

## End(Not run)
```

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GetCompanies	<i>Returns the company information for all companies that Estimize covers.</i>
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**Description**

Returns the company information for all companies that Estimize covers.

**Usage**

GetCompanies()

**Value**

The companies information as a data frame.

**Examples**

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

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GetCompany	<i>Returns the company information for the company specified by the ticker.</i>
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**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**

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

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GetCompanyEstimates	<i>Returns all estimates for a company specified by the ticker.</i>
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**Description**

Returns all estimates for a company specified by the ticker.

**Usage**

```
GetCompanyEstimates(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 estimates as a data frame.

**Examples**

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

## End(Not run)
```

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GetCompanyReleases	<i>Returns the past financial releases for the specified company by the ticker, for the specified fiscal year, and quarter.</i>
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**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.

**Examples**

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

## End(Not run)
```

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GetEstimates	<i>Returns all estimates in the specified date-range for all companies.</i>
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**Description**

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

**Usage**

```
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**

```
## 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.*

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### **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**

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

---

restimizeapi

*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>.

## Details

Provides a complete implementation of all web methods available at at [api.estimate.com](http://api.estimate.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	<i>Function sets the key which is required as a header in every web method call to estimate.com – contact &lt;sales@estimate.com&gt; to obtain a key.</i>
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## Description

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

## Usage

```
SetKey(key)
```

## Arguments

key	The API key as provided by Estimate.com.
-----	--

## Examples

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

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