

# Package ‘eu.us.opendata’

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**Title** A library for bringing together EU and US statistical data

**Version** 0.0.1

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**Depends** R (>= 3.2.1), RCurl, SPARQL

**Imports** rsdmx,  
DT,  
RJSDMX,  
formattable,  
httr,  
jsonlite,  
data.table,  
hunspell,  
leaflet,  
rgdal,  
maptools,  
sp

**Description** Important Note - You must have a BEA API Key to use this library.  
Register for a key at <http://www.bea.gov/API/signup/index.cfm> .

**URL** <https://github.com/CommerceDataService/project-eu-us>

**License** file LICENSE

**LazyData** no

**RoxygenNote** 5.0.1

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describeRel	<i>Given a relationship ID, return description of mapped relationship allowing users to see common overlap and/or differences between datasets</i>
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### Description

Given a relationship ID, return description of mapped relationship allowing users to see common overlap and/or differences between datasets

### Usage

```
describeRel(term, asHtml = TRUE)
```

### Arguments

term	ID of the statistic requested
asHtml	Option to render results in an interactive DT

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getRel	<i>Return data from the eurostat and bea APIs</i>
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### Description

Return data from the eurostat and bea APIs

### Usage

```
getRel(term = "", lucky = FALSE, beaKey = "")
```

### Arguments

term	ID of the statistic requested or, if lucky = TRUE, string to search for and return
lucky	Boolean operator - if FALSE, must pass relationship ID (see listRel and searchRel)
beaKey	Character string representation of user's 36-digit BEA API key.

### Value

By default, an object of class 'data.table'

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listRel	<i>List all datasets available</i>
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**Description**

List all datasets available

**Usage**

```
listRel(asHtml = TRUE)
```

**Arguments**

asHtml	Option to render results in an interactive DT
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searchParse	<i>Parses, spell checks, and prepares a search query for standardization by creating n-grams</i>
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**Description**

Parses, spell checks, and prepares a search query for standardization by creating n-grams

**Usage**

```
searchParse(rec, spellCheck = TRUE)
```

**Arguments**

rec	Character string for which to recommend terms
spellCheck	Is true to force spellcheck

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searchRefine	<i>Refines search query by spellchecking and standardizing acronyms in query string</i>
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**Description**

Refines search query by spellchecking and standardizing acronyms in query string

**Usage**

```
searchRefine(rec)
```

**Arguments**

rec	is a character string with the terms to be searched
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searchRel	<i>Search Metadata Store Relationship Table using text search</i>
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**Description**

Search Metadata Store Relationship Table using text search

**Usage**

```
searchRel(term, asHTML = FALSE)
```

**Arguments**

term	Search term
asHTML	Option to render results in an interactive DT

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timeSync	<i>Provides user easier access to extracts the latest overlapping year of data or all overlapping years.</i>
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**Description**

Provides user easier access to extracts the latest overlapping year of data or all overlapping years.

**Usage**

```
timeSync(dataset, sync)
```

**Arguments**

dataset	data.frame or data.table
sync	Numeric value representing period, with options: 1 = latest period, 2 = overlapping period

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updateCache	<i>Update local metadata cache</i>
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**Description**

Update local metadata cache

**Usage**

```
updateCache(force = FALSE)
```

**Arguments**

force	Force local cache to update, even if there have been no changes since your last metadata update
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**Value**

Nothing, but updates local CSVs

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