

# Package ‘eu.us.openR’

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

**Version** 0.0.1

**Author** Luca Gramaglia [aut, cre],  
Denis Grofils [aut, cre],  
Jeff Chen [aut, cre],  
Andrea Julca [aut, cre],  
Laurent Mathurin [ctb],  
Loredana Di Consiglio [ctb],  
Ledea Guci [ctb]

**Maintainer** Luca Gramaglia,  
Denis Grofils,  
Jeff Chen,  
Andrea Julca <Developers@bea.gov>

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

**Imports** rsdmx,  
DT,  
RJSMDX,  
formattable,  
httr,  
jsonlite,  
data.table

**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, beaKey = "")
```

### Arguments

term	ID of the statistic requested
asHtml	Option to render results in an interactive DT
beaKey	BEA API key (won't be necessary once SPARQL repository has been updated with timestamp)

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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. Won't be necessary if IndustryID to NAICS mapping is in metadata store.

### 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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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, beaKey = "")
```

**Arguments**

term	Search term
asHtml	Option to render results in an interactive DT
beaKey	BEA API key (won't be necessary once SPARQL repository has been updated with timestamp)

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

Update local metadata cache

**Usage**

```
updateCache(beaKey, force = FALSE)
```

**Arguments**

beaKey	BEA API key (won't be necessary once SPARQL repository has been updated with timestamp)
force	Force local cache to update, even if there have been no changes since your last metadata update

**Value**

Nothing, but updates local CSVs

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