

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

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'

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

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

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

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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