

Package ‘polidata’

August 29, 2016

Type Package

Title Political Data Interface in R

Description This package provides easy access to various political data APIs directly from R. For example, you can access Google Civic Information API (<https://developers.google.com/civic-information/>) or Sunlight Congress API (<https://sunlightlabs.github.io/congress/>) for US Congress data, and POPONG API (<http://data.popong.com/>) for South Korea National Assembly data.

Version 0.1.0

Date 2014-06-13

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Imports jsonlite, RCurl

Suggests knitr

URL <http://github.com/e9t/polidata-r>

BugReports <https://github.com/e9t/polidata-r/issues>

VignetteBuilder knitr

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NeedsCompilation no

Repository CRAN

Date/Publication 2014-09-16 11:58:04

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 apiInfo

Print information about the APIs accessible through polidata

Description

Print information about the APIs accessible through polidata

Usage

```
apiInfo
```

Format

List of 3

```
$ google :'data.frame': 1 obs. of 5 variables:
  ..$ countries:List of 1
  .. ..$ : chr "US"
  ..$ levels :List of 1
  .. ..$ : chr "national"
  ..$ methods :List of 1
  .. ..$ : chr [1:3] "elections" "voterinfo" "representatives"
  ..$ url : chr "https://www.googleapis.com/civicinfo"
  ..$ version : chr "1.0"
$ popong :'data.frame': 1 obs. of 5 variables:
  ..$ countries:List of 1
  .. ..$ : chr "KR"
  ..$ levels :List of 1
  .. ..$ : chr "national"
  ..$ methods :List of 1
  .. ..$ : chr [1:3] "bill" "person" "party"
  ..$ url : chr "http://api.popong.com"
  ..$ version : chr "0.1"
$ sunlight:'data.frame': 1 obs. of 5 variables:
  ..$ countries:List of 1
  .. ..$ : chr "US"
  ..$ levels :List of 1
  .. ..$ : chr "national"
  ..$ methods :List of 1
  .. ..$ : chr [1:9] "legislators" "committees" "bills" "amendments" ...
  ..$ url : chr "https://congress.api.sunlightfoundation.com"
  ..$ version : chr "3.0"
```

GoogleAPI	<i>R interface for Google Civic API</i>
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Description

See (<https://developers.google.com/civic-information/>)

Usage

```
GoogleAPI(method, key = getOption("GoogleAPIKey"), debug = FALSE)
```

Arguments

method	method to call
key	API key
debug	Enable debugging mode

See Also

[PopongAPI](#), [SunlightAPI](#)

InitPolidata	<i>Initialize polidata</i>
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Description

Initialize polidata

Usage

```
InitPolidata()
```

PopongAPI

R interface for Popong API

Description

See (<http://data.popong.com>)

Usage

```
PopongAPI(method, search = NULL, getSummary = FALSE,  
          key = getOption("PopongAPIKey"), debug = FALSE)
```

Arguments

method	Method to call
search	Search term for names
getSummary	Toggle to get summary data
key	API key
debug	Enable debugging mode

See Also

[GoogleAPI](#), [SunlightAPI](#)

ShowAPIKeys*Show API Keys*

Description

Show API Keys

Usage

```
ShowAPIKeys()
```

SunlightAPI

R interface for Sunlight API

Description

See (<https://sunlightlabs.github.io/congress/>)

Usage

```
SunlightAPI(method, key = getOption("SunlightAPIKey"), debug = FALSE)
```

Arguments

method	method to call
key	API key
debug	Enable debugging mode

See Also

[GoogleAPI](#), [PopongAPI](#)

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