

# Package ‘polidata’

September 16, 2014

**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

**Maintainer** Eunjeong Park <[ejpark04@snu.ac.kr](mailto:ejpark04@snu.ac.kr)>

**License** MIT + file LICENSE

**Imports** jsonlite, RCurl

**Suggests** knitr

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

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

**VignetteBuilder** knitr

**Author** Eunjeong Park [aut, cre], Jong Hee Park [aut]

**NeedsCompilation** no

**Repository** CRAN

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

**R topics documented:**

apiInfo . . . . .	2
GoogleAPI . . . . .	3
InitPolidata . . . . .	3
PopongAPI . . . . .	4
ShowAPIKeys . . . . .	4
SunlightAPI . . . . .	5

<b>Index</b>	<b>6</b>
--------------	----------

---

apiInfo	<i>Print information about the APIs accessible through polidata</i>
---------	---

---

**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

*R interface for Google Civic API*


---

### 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

[PoppingAPI](#), [SunlightAPI](#)

---

InitPolidata

*Initialize polidata*


---

### 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](#)

# Index

## \*Topic **API**

GoogleAPI, [3](#)

PopongAPI, [4](#)

SunlightAPI, [5](#)

## \*Topic **datasets**

apiInfo, [2](#)

apiInfo, [2](#)

GoogleAPI, [3](#), [4](#), [5](#)

InitPolidata, [3](#)

PopongAPI, [3](#), [4](#), [5](#)

ShowAPIKeys, [4](#)

SunlightAPI, [3](#), [4](#), [5](#)