

Package ‘ppcong’

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Title Interfacing with ProPublica's 'Congress' API

Version 0.0.2

Description A simple interface for interacting with ProPublica's 'Congress' API, which provides data about current and former members of both chambers of the U.S. Congress and can be found at the following URL: [<https://projects.propublica.org/api-docs/congress-api/>](https://projects.propublica.org/api-docs/congress-api/).

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Encoding UTF-8

LazyData true

Imports curl, tfse (>= 0.5.0), jsonlite, tibble, utils

RoxygenNote 7.0.2

URL <https://github.com/mkearney/ppcong>

BugReports <https://github.com/mkearney/ppcong/issues>

Suggests testthat (>= 2.1.0), covr

Language en-US

NeedsCompilation no

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ppc_api_key *Set ProPublica API key*

Description

Stores ProPublica API key as an environment variable for current and/or future sessions

Usage

```
ppc_api_key(api_key = NULL, set_renv = FALSE)
```

Arguments

api_key	The actual API key string provided by ProPublica..
set_renv	Logical indicating whether to append the environment variable to the home directory's ".Renviro" file. This requires directory permission, but it will ensure that future sessions automatically find the token. The default is FALSE (do NOT set in ~/.Renviro).

Value

the API key string

Examples

```
## this is not a real key
ppc_api_key("as9d78f6aayd9fy2fq378a9ds876fsas89d7f")
```

ppc_bills *Bills*

Description

Search Bills

Usage

```
ppc_bills(query = "", api_key = NULL, raw = FALSE)
```

Arguments

query	keyword or phrase
api_key	The actual API key string provided by ProPublica.
raw	Logical indicating whether to return the raw response object. The default (FALSE) parses the content and returns a tibble data frame.

Value

A data frame of congressional bills information

Examples

```
## Not run:
## get information on legislation about health care
hc <- ppc_bills("health care")

## End(Not run)
```

ppc_committees *Committees*

Description

Lists of Committees

Usage

```
ppc_committees(
  congress = "116",
  chamber = c("joint", "house", "senate"),
  api_key = NULL,
  raw = FALSE
)
```

Arguments

congress	The number of Congress of interest
chamber	Specify the chamber of Congress typically "house" or "senate"; sometimes "both" or "joint"
api_key	The actual API key string provided by ProPublica.
raw	Logical indicating whether to return the raw response object. The default (FALSE) parses the content and returns a tibble data frame.

Value

A data frame of congressional committees information

Examples

```
## Not run:
## get committes info for house members in 115th congress
h115com <- ppc_committees("115", "house")

## End(Not run)
```

ppc_members

*Get Congress data from ProPublica's API***Description**

Retrieves congress data from api.propublica.org

Usage

```
ppc_members(
  chamber = c("both", "house", "senate"),
  congress = "116",
  api_key = NULL,
  raw = FALSE
)
```

Arguments

chamber	Specify the chamber of Congress typically "house" or "senate"; sometimes "both" or "joint"
congress	The number of Congress of interest
api_key	The actual API key string provided by ProPublica.
raw	Logical indicating whether to return the raw response object. The default (FALSE) parses the content and returns a tibble data frame.

Details

To apply for a ProPublica API use the following link: <https://www.propublica.org/datastore/api/propublica-congress-api>. Complete and submit the provided form to receive your API key.

Value

Depending on the raw parameter, this function returns a tibble data frame with member information or the response object returned by curl

A data frame of congressional members information

See Also

<https://projects.propublica.org/api-docs/congress-api/>

Examples

```
## Not run:  
## get data on house for 116th congress (requires API key)  
h116 <- ppc_congress(congress = "116", chamber = "house")  
  
## End(Not run)
```

ppc_parse_data	<i>Parse data</i>
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Description

Converts ProPublica API response into a tibble (data frame)

Usage

```
ppc_parse_data(r)
```

Arguments

`r` Reponse from ProPublica API

Value

A tibble with headers attribute

A data frame of congressional information

Examples

```
## Not run:  
## get votes data return the raw response object  
v <- ppc_votes("senate", raw = TRUE)  
  
## convert response object into data frame  
ppc_parse_data(v)  
  
## End(Not run)
```

ppc_statements *Statements*

Description

Get Recent Congressional Statements

Usage

```
ppc_statements(date = NULL, api_key = NULL, raw = FALSE)
```

Arguments

date	Day from which statements should be collected; should follow the format of YYYY-MM-DD.
api_key	The actual API key string provided by ProPublica.
raw	Logical indicating whether to return the raw response object. The default (FALSE) parses the content and returns a tibble data frame.

Value

A data frame of congressional statements information

Examples

```
## Not run:
## get all statements from may 7th, 2018
may72018 <- ppc_statements("2018-05-07")

## End(Not run)
```

ppc_votes *Votes*

Description

Get Recent Votes

Usage

```
ppc_votes(chamber = c("both", "house", "senate"), api_key = NULL, raw = FALSE)
```

Arguments

chamber	Specify the chamber of Congress typically "house" or "senate"; sometimes "both" or "joint"
api_key	The actual API key string provided by ProPublica.
raw	Logical indicating whether to return the raw response object. The default (FALSE) parses the content and returns a tibble data frame.

Details

By tradition, the Speaker of the House votes at his or her discretion, and typically does not vote. When the Speaker does vote, the official source data from the Clerk of the House includes that information, but when the Speaker does not vote, the data provided by the Clerk does not include that information. In those cases, ProPublica adds a record showing the Speaker as not voting and increases the total number of lawmakers not voting by one (both in the Speaker's party and overall). In those cases, the not voting totals provided by the API for House votes will not match the Clerk's totals.

Value

A data frame of congressional votes information

Examples

```
## Not run:  
## get votes from only the house  
hv <- ppc_votes("house")  
  
## get votes from the house and the senate  
hsv <- ppc_votes("both")  
  
## End(Not run)
```

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