Package ‘ppcong’

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/>.
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R topics documented:

ppc_api_key .......................................................... 2
ppc_bills ........................................................... 2
ppc_committees ....................................................... 3
ppc_members ........................................................ 4
ppc_parse_data ....................................................... 5
ppc_statements ...................................................... 6
ppc_votes ........................................................... 6
Index

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 ".Renviron" file. This requires directory permission, but it will ensure that future sessions automatically find the token. The default is FALSE (do NOT set in ~/.Renviron).

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

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
ppc_members

## Examples

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

## End(Not run)
```

Description

Retrieves congress data from api.propublica.org

Usage

```r
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](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/](https://projects.propublica.org/api-docs/congress-api/)
## Not run:
### get data on house for 116th congress (requires API key)
```r
h116 <- ppc_congress(congress = "116", chamber = "house")
```
### End(Not run)

### Description

Converts ProPublica API response into a tibble (data frame)

### Usage

```r
ppc_parse_data(r)
```

### Arguments

- `r`: Response from ProPublica API

### Value

A tibble with headers attribute

A data frame of congressional information

### Examples

```r
## 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

**Description**

Get Recent Congressional Statements

**Usage**

```r
call(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**

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

## End(Not run)
```

# ppc_votes

**Description**

Get Recent Votes

**Usage**

```r
call(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

```r
## 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)
```
Index

ppc_api_key, 2
ppc_bills, 2
ppc_committees, 3
ppc_members, 4
ppc_parse_data, 5
ppc_statements, 6
ppc_votes, 6