Package ‘ProPublicaR’

April 6, 2019

Type Package

Title Access Functions for ProPublica's APIs

Version 0.9.2

Description
- Provides wrapper functions to access the ProPublica's Congress and Campaign Finance APIs.
  - The Congress API provides near real-time access to legislative data from the House of Representatives, the Senate and the Library of Congress.
  - The Campaign Finance API provides data from United States Federal Election Commission filings and other sources. The API covers summary information for candidates and committees, as well as certain types of itemized data.
- For more information about these APIs go to: <https://www.propublica.org/datastore/apis>.

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BugReports https://github.com/dietrichson/ProPublicaR/issues

Depends R (>= 3.1)

Imports dplyr, stringr, httr, config, lubridate

Suggests testthat, httptest, knitr

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1.9000

Collate 'a_get_new_members.R' 'bills_legislation_by_keyword.R'
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Search Bills: to search the title and full text of legislation by keyword to get the 20 most recent bills

Description

Use this request to search the title and full text of legislation by keyword to get the 20 most recent bills. Searches cover House and Senate bills from the 113th Congress through the current Congress (115th). If multiple words are given (e.g. query = health care) the search is treated as multiple keywords using the OR operator. Quoting the words (e.g. query = "health care") makes it a phrase search. Search results can be sorted by date (the default) or by relevance, and in ascending or descending order.
Usage

bills_legislation_by_keyword(query_keyword, sort = c("date", "_score"),
        dir = c("desc", "asc"), myAPI_Key)

Arguments

query_keyword  keyword or phrase to search the title and full text of legislation to get the 20
        most recent bills
sort  _score or date (default is date)
dir  sort direction: asc or desc
myAPI_Key  API key from Propublica To use the congress API, you must sign up for an API
        key.

Value

a list object with the return values about title and full text of legislation by keyword

Examples

bills_legislation_by_keyword(query_keyword = 'megahertz')

compare_two_member_bill_sponsorships

Compare Two Members’ Bill Sponsorships

Description

To compare bill sponsorship between two members who served in the same Congress and chamber.
HTTP Request: GET https://api.propublica.org/congress/v1/members/first-member-id/bills/second-
        member-id/congress/chamber.json

Usage

compare_two_member_bill_sponsorships(first_member_id, second_member_id,
        congress, chamber, myAPI_Key)

Arguments

first_member_id  The ID of the member to retrieve; it is assigned by the Biographical Directory
        of the United States Congress or can be retrieved from a member list request.
second_member_id  The ID of the member to retrieve; it is assigned by the Biographical Directory
        of the United States Congress or can be retrieved from a member list request.
congress  102-115 for House, 101-115 for Senate
**compare_two_member_vote_positions**

chamber: house o senate

myAPI_key: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves bill sponsorship comparation between two members who served in the same Congress and chamber

**Examples**

```python
compare_two_member_bill_sponsorships('G000575', 'D000624', '114', 'house')
```

**Description**

Use this request type to compare two members’ vote positions in a particular Congress and chamber. Responses include four calculated values, showing the number and percentage of votes in which the members took the same position or opposing positions. HTTP Request: GET https://api.propublica.org/congress/v1/members/first-member-id/votes/second-member-id/congress/chamber.json

**Usage**

```python
compare_two_member_vote_positions(first_member_id, second_member_id, congress, chamber, myAPI_key)
```

**Arguments**

- **first_member_id**: The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
- **second_member_id**: The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
- **congress**: 102-115 for House, 101-115 for Senate
- **chamber**: house o senate
- **myAPI_key**: API key from Propublica To use the congress API, you must sign up for an API key.
get_amendments_bill

Value

List of returned JSON from endpoint that retrieves four calculated values: common_votes, disagree_votes, agree_percent and disagree_percent to compare two members’ vote positions, in a particular Congress and chamber

Examples

```python
compare_two_member_vote_positions('G000575', 'D000624', '114', 'house')
```

get_amendments_bill  Get Amendments for a Specific Bill

Description


Usage

```python
get_amendments_bill(congress, bill_id, myAPI_Key)
```

Arguments

- congress: 105-115
- bill_id: a bill slug, for example hr4881 - these can be found in the recent bill response.
- myAPI_Key: API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports paginated requests.

Examples

```python
get_amendments_bill('115', 'hr1628')
```
Description

Use this request type to get details on bills that may be considered by the House or Senate in the near future, based on scheduled published or announced by congressional leadership.

Usage

get_a_bill(congress, bill_id, myAPI_Key)

Arguments

congress 105-115
bill_id a bill slug, for example hr4881 - these can be found in the recent bill response.
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Details

The responses include a legislative_day attribute which is the earliest the bills could be considered, and a range attribute that indicates whether the bill information comes from a weekly schedule or a daily one. Combine the two for the best sense of when a bill might come up for consideration. For Senate bills, the response includes a context attribute reproducing the sentence that includes mention of the bill. These responses omit bills that have not yet been assigned a bill number or introduced, and additional bills may be considered at any time.

Value

List with the result of the query

Examples

get_a_bill(115, 'hr21')
get_bills_cosponsored_member

Get Bills Cosponsored by a Specific Member

Description
To get the 20 most recent bill cosponsorships for a particular member, either bills cosponsored or bills where cosponsorship was withdrawn. #HTTP Request: GET https://api.propublica.org/congress/v1/members/member-id/bills/type.json

Usage
get_bills_cosponsored_member(member_id, type = c("cosponsored", "withdrawn"), myAPI_Key)

Arguments
member_id The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
type cosponsored or withdrawn
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves the 20 most recent bill cosponsorships for a particular member

Examples
get_bills_cosponsored_member('B001260', 'cosponsored')

get_candidate


Description
get_candidates_in_race

Usage

get_candidate(FEC_ID, cycle = 2018, myAPI_Key)

Arguments

- **FEC_ID**: The FEC-assigned 9-character ID of a candidate.
- **cycle**: The election cycle must be even-numbered year between 1996 and 2018.
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

Value

a list object with the return values about candidate basic information

Examples

```python
get_candidate('P60005915', 2016)
```
get_candidate_by_name

Value
The result of the API call (list), unless return_value=query (mostly for debugging), in which case the query string is returned.

Examples

get_candidates_in_race('MI', 'house', 11)

get_candidate_by_name Get Candidate Info

Description

Usage
get_candidate_by_name(NAME, cycle = 2018, myAPI_Key)

Arguments
- NAME: The first or last name of the candidate.
- cycle: The election cycle
- myAPI_Key: API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves federal candidates by last name, using a query string parameter.

Examples
get_candidate_by_name('Wilson', 2016)
get_committee

Description
Get Committee Info HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id

Usage
get_committee(fec_id, cycle, myAPI_key)

Arguments
- **FEC_ID**: The FEC-assigned 9-character ID of a committee.
- **cycle**: The election cycle
- **myAPI_key**: API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves a specific FEC committee for a given campaign cycle from the campaign-finance API from Propublica.

Examples
get_committee('C00553560', 2016)

get_committee_by_name

Description
HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/search

Usage
get_committee_by_name(NAME, cycle, myAPI_key)
get_committee_electioneering_communications

Arguments

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME</td>
<td>The name of the committee.</td>
</tr>
<tr>
<td>cycle</td>
<td>The election cycle</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves a specific committee by name for a given campaign cycle from the campaign-finance API from ProPublica.

Examples

get_committee_by_name('Americans FOR A BETTER TOMORROW TODAY', 2016)

get_committee_electioneering_communications

Get Electioneering Communications by Specific Committee

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/electioneering_communications

Usage

get_committee_electioneering_communications(cycle = 2018, FEC_ID, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>cycle</td>
<td>The election cycle</td>
</tr>
<tr>
<td>FEC_ID</td>
<td>The FEC-assigned 9-character ID of a committee.</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recently added FEC independent expenditure-only committees, known as “super PACs” from the campaign-finance API from Propublica.

Examples

get_committee_electioneering_communications(2016, 'C30002034')
**get_committee_filings**  
*Get Committee Filings*

**Description**

HTTP Request GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/filings

**Usage**

```python
get_committee_filings(FEC_ID, cycle = 2018, myAPI_key)
```

**Arguments**

- **FEC_ID**
  The FEC-assigned 9-character ID of a committee.

- **cycle**
  The election cycle

- **myAPI_key**
  API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent FEC filings from the specified committee. Electronic filings are available back to 2001. Paper filings by Senate candidate committees and senatorial party committees go back to 1999.

**Examples**

```python
get_committee_filings('C00553560', 2016)
```

---

**get_committee_leadership**  
*Get Leadership Committees*

**Description**

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/leadership

**Usage**

```python
get_committee_leadership(cycle = 2018, myAPI_key)
```
get_congressional_statement_by_bill

Arguments

cycle The election cycle: an even-numbered year between 1996 and 2016. The current cycle in 2018
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves committees designated as “leadership PACs” by the FEC from the campaign-finance API from ProPublica.

Examples

get_committee_leadership(2016)

get_congressional_statement_by_bill

Get Congressional Statements by Bill

Description

To get lists of statements published on a specific member’s congressional website during a particular congress, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/bills/bill-id/statements.json

Usage

get_congressional_statement_by_bill(congress, bill_id, myAPI_key)

Arguments

congress 113-115
bill_id a bill slug, for example s19 - these can be found in bill responses.
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples

get_congressional_statement_by_bill(115, 's19')
get_congressional_statement_by_member

Get Congressional Statements by Member

Description

To get lists of statements published on a specific member’s congressional website during a particular congress, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/members/member-id/statements/congress.json

Usage

get_congressional_statement_by_member(member_id, congress, myAPI_key)

Arguments

member_id The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
congress 113-115
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples

get_congressional_statement_by_member("C001084", 115)

get_congressional_statement_by_subjects

Get Congressional Statements by Subject

Description

To get lists of statements published on congressional websites for a particular subject, use the following function. These subjects are not automatically assigned but are manually curated by Propublica, although they are based on legislative subjects produced by the Library of Congress. We advise using the statement search response for a more complete listing of statements about a keyword or phrase. HTTP Request: GET https://api.propublica.org/congress/v1/statements/subject/subject.json
get_congressional_statement_by_subjects(subject, myAPI_Key)

Arguments

subject Slug version of subject
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples

get_statement_subjects()$results[[11]][3]
get_congressional_statement_by_subjects(get_statement_subjects()$results[[11]][3])
get_congressional_statement_by_subjects("Central Intelligence Agency")

generate_congress_member Get a Specific Member

Description

To get biographical and Congressional role information for a particular member of Congress. HTTP Request: GET https://api.propublica.org/congress/v1/members/member-id.json

Usage

generate_congress_member(member_id, myAPI_Key)

Arguments

member_id The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves biographical and Congressional role information for a particular member of Congress
**get_cosponsors_specific_bill**

**Examples**

```
get_congress_member('K000388')
```

---

**get_cosponsors_specific_bill**

*Get Cosponsors for a Specific Bill*

**Description**


**Usage**

```
get_cosponsors_specific_bill(congress, bill_id, myAPI_Key)
```

**Arguments**

- **congress**: 105-115
- **bill_id**: a bill slug, for example hr4881 - these can be found in the recent bill response.
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves information about the cosponsors of a particular bill

**Examples**

```
get_cosponsors_specific_bill(114, 'hr4249')
```
get_current_members_by_statedistrict

Get Current Members by State/District

Description

Senate Request: GET https://api.propublica.org/congress/v1/members/chamber/state/current.json
House Request: GET https://api.propublica.org/congress/v1/members/chamber/state/district/current.json

Usage

get_current_members_by_statedistrict(state, chamber, district, myAPI_key)

Arguments

state Two-letter state abbreviation
chamber house or senate
district House of Representatives district number (House requests only). For states with at-large districts (AK, DE, MT, ND, SD, VT, WY), territories (GU, AS, VI, MP), commonwealths (PR) and the District of Columbia, use a district value of 1.
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves biographical and Congressional role information for a particular member of Congress by State/District

Examples

get_current_members_by_statedistrict( 'MI', 'house', 11)
get_current_members_by_statedistrict( 'RI', 'senate')

get_electioneering_communications_by_date

Get Electioneering Communications by Date

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/electioneering_communications/year/month/day
get_electioneering_communications_committee

Usage

get_electioneering_communications_by_date(cycle = 2018, year, month, day, myAPI_Key)

Arguments

cycle The election cycle
year The four-digit year from 2008-2016.
month The two-digit month from 01-12
day The two-digit day from 01-31
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves all broadcast advertisements that identify one or more federal candidates (and have aired 30 days before a primary election and 60 days before the general election) from a specific date.

Examples

get_electioneering_communications_by_date(2016, 2012, '10', '01')

get_electioneering_communications_committee

Get Electioneering Communications by Specific Committee

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/electioneering_communications

Usage

get_electioneering_communications_committee(cycle = 2018, FEC_ID, myAPI_Key)

Arguments

cycle The election cycle
FEC_ID The FEC-assigned 9-character ID of a committee. To find a committee official FEC ID, use a candidate search request or the FEC web site.
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.
Value

List of returned JSON from endpoint that retrieves the most recent broadcast advertisements by a specific committee that identify one or more federal candidates (and have aired 30 days before a primary election and 60 days before the general election).

Examples

get_electioneering_communications_committee(2016, 'C30002034')

get_electronic_filing_byDate

Get Electronic Filings by Date

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/filings/year/month/day

Usage

get_electronic_filing_byDate(cycle = 2018, year, month, day, myAPI_Key)

Arguments

cycle       The election cycle
year        The four-digit year from 2001-2016
month       The two-digit month from 01-12
day         The two-digit day from 01-31
myAPI_Key   API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves information about FEC reports filed electronically on a specific date.

Examples

get_electronic_filing_byDate(2016, 2016, '01', '10')
get_electronic_filing_by_committees

Search for Electronic Filings by committee name or partial name

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/filings/search

Usage

get_electronic_filing_by_committees(NAME, cycle = 2018, myAPI_Key)

Arguments

- **NAME**: The committee name or partial name
- **cycle**: The election cycle
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves information about FEC reports filed electronically by a committee for a given campaign cycle from the campaign-finance API from ProPublica.

Examples

get_electronic_filing_by_committees(NAME = “UNITED EGG”, 2016)

get_electronic_filing_by_types

Get Electronic Filings By Type

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/filings/types/form-type-id

Usage

get_electronic_filing_by_types(cycle = 2018, form_type_id, myAPI_Key)
Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>cycle</td>
<td>The election cycle</td>
</tr>
<tr>
<td>form_type_id</td>
<td>F + integer. To get form type IDs, use an electronic filing form types request.</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves a list of available form types for FEC electronic filings.

Examples

```r
get_electronic_filing_form_types(2016)
```

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/filings/types

Usage

```r
get_electronic_filing_form_types(cycle = 2018, myAPI_Key)
```
get_hearing_specific_committee

Get Hearings for a Specific Committee

Description
To get a list of 20 upcoming Senate or House committee meetings, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/committees/committee-id/hearings.json

Usage
get_hearing_specific_committee(congress, chamber, committee_id, myAPI_key)

Arguments
 congress 114-115
 chamber house or senate
 committee_id Optional committee abbreviation, for example HSAG. Use the full committees response to find abbreviations.
 myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves the 20 most recent hearings and supports pagination.

Examples
get_hearing_specific_committee(115, 'house', 'HSRU')
get_hearing_specific_committee(115, 'house',
 lists_of_committees(115, "senate")$results[[1]]$committees[[1]]$id)

get_house_senate_floor_actions_by_date
Get House and Senate Floor Actions by Date

Description
To get the latest actions from the House or Senate floor, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/chamber/floor_updates/year/month/day.json
get_house_senate_floor_actions_by_date(chamber, year, month, day, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>chamber</td>
<td>house or senate</td>
</tr>
<tr>
<td>year</td>
<td>YYYY format</td>
</tr>
<tr>
<td>month</td>
<td>MM format</td>
</tr>
<tr>
<td>day</td>
<td>DD format</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent results for that date and supports pagination using multiples of 20.

Examples

get_house_senate_floor_actions_by_date('senate', 2017, '05', '02')

get_independent_expenditure_by_committee

Get Independent Expenditures by Specific Committee

Description

#HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/independent_expenditures

Usage

get_independent_expenditure_by_committee(cycle = 2018, FEC_ID, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>cycle</td>
<td>The election cycle</td>
</tr>
<tr>
<td>FEC_ID</td>
<td>The FEC-assigned 9-character ID of a committee. To find a committee official FEC ID, use a candidate search request or the FEC web site.</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>
Value

List of returned JSON from endpoint that retrieves the 20 most recent independent expenditures by a given committee.

Examples

```python
get_independent_expenditure_by_committee(2016, FEC_ID='C00575423')
```

---

get_independent_expenditure_by_date

Get Independent Expenditures by Date

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/independent_expenditures/year/month/day

Usage

```python
get_independent_expenditure_by_date(cycle = 2018, year, month, day, myAPI_Key)
```

Arguments

cycle The election cycle
year The four-digit year from 2008-2016
month The two-digit month from 01-12
day The two-digit day from 01-31
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves all independent expenditures on a specific date (the date of activity, not the date filed with the FEC).

Examples

```python
get_independent_expenditure_by_date(2016, year = 2018, month = '01', day = '01')
```
get_independent_expenditure_office_totals

Get Independent Expenditure Office Totals

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/independent_expenditures/race_totals/office

Usage

get_independent_expenditure_office_totals(cycle = 2018, office = c("house", "senate", "president"), myAPI_KEY)

Arguments

cycle The election cycle
office one of house, senate or president
myAPI_KEY API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the amount of money spent in independent expenditures for a given office (either House, Senate or President).

Examples

get_independent_expenditure_office_totals(2016, 'president')
get_independent_expenditure_office_totals(2016, 'house')
get_independent_expenditure_office_totals(2016, 'senate')

get_independent_expenditure_race_totals_committee

Get Independent Expenditure Race Totals

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/independent_expenditures/races

Usage

get_independent_expenditure_race_totals_committee(cycle, FEC_ID, myAPI_KEY)
get_independent_expenditure_support_candidate

Arguments

cycle The election cycle
FEC_ID The FEC-assigned 9-character ID of a committee
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the total amounts of money that a given committee has spent on individual races (consisting of a state, office and district) during a cycle.

Examples

get_independent_expenditure_race_totals_committee(2016, 'C00490375')

generate

get_independent_expenditure_support_candidate

Get Independent Expenditures that Support or Oppose a Specific Candidate

Description

#HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/candidates/fec-id/independent_expenditures

Usage

get_independent_expenditure_support_candidate(cycle = 2018, FEC_ID, myAPI_KEY)

Arguments

cycle The election cycle
FEC_ID The FEC-assigned 9-character ID of a committee. To find a committee official FEC ID, use a candidate search request or the FEC web site.
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 200 most recent independent expenditures in support of or opposition to a given candidate.

Examples

get_independent_expenditure_support_candidate(2016, FEC_ID = 'P00003392')
get_independent_expenditure_support_presidential_candidate

Get Independent Expenditures that Support or Oppose Presidential Candidates

Description

#HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/president/independent_expenditures

Usage

get_independent_expenditure_support_presidential_candidate(cycle = 2018, myAPI_Key)

Arguments

cycle The election cycle

myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 200 most recent independent expenditures in support of or opposition to any presidential candidate.

Examples

get_independent_expenditure_support_presidential_candidate(2016)

get_lobbyist_bundlers

Get Lobbyist Bundlers for a Specific Committee

Description

Committees must report registered lobbyists who act as “bundlers”, collecting donations for the committee from multiple contributors. HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/lobbyist_bundlers

Usage

get_lobbyist_bundlers(cycle = 2018, FEC_ID, myAPI_Key)
get_members_leaving

**Arguments**

- **cycle**
  - The election cycle

- **FEC_ID**
  - The FEC-assigned 9-character ID of a committee. To find a committee’s official FEC ID, use a committee search request or the FEC web site.

- **myAPI_KEY**
  - API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the most recent lobbyist bundlers reported by a specific committee.

**Examples**

```
get_lobbyist_bundlers(2016, 'C00579458')
```

get_members_leaving  Get Members Leaving Office

**Description**

To get a list of members who have left the Senate or House or have announced plans to do so. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/members/leaving.json

**Usage**

```
get_members_leaving(congress, chamber, myAPI_KEY)
```

**Arguments**

- **congress**
  - 111-115

- **chamber**
  - house or senate

- **myAPI_KEY**
  - API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves a list of members who have left the Senate or House

**Examples**

```
get_members_leaving(115, 'house')
```
**get_member_vote_position**

*Get a Specific Member’s Vote Positions*

**Description**

To get the most recent vote positions for a specific member of the House of Representatives or Senate. HTTP Request: GET https://api.propublica.org/congress/v1/members/member-id/votes.json

**Usage**

```
get_member_vote_position(member_id, myAPI_key)
```

**Arguments**

- **member_id**: The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
- **myAPI_key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the most recent vote positions for a specific member of the House of Representatives or Senate

**Examples**

```
get_member_vote_position('K000388')
```

---

**get_new_members**

*Get New Members*

**Description**

To get a list of the most recent new members of the current Congress. HTTP Request: GET https://api.propublica.org/congress/v1/members/new.json

**Usage**

```
get_new_members(myAPI_key)
```

**Arguments**

- **myAPI_key**: API key from Propublica To use the congress API, you must sign up for an API key.
**get_nominees_by_state**

**Value**

List of returned JSON from endpoint that retrieves a list of the most recent new members of the current Congress.

**Examples**

```python
get_new_members()
```

---

**get_nominees_by_state**  *Get Nominees by State*

**Description**

To get a list of presidential civilian nominations of individuals from a specific state, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/nominees/state/state.json

**Usage**

```python
get_nominees_by_state(congress, state, myAPI_Key)
```

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>107-115</td>
</tr>
<tr>
<td>state</td>
<td>Two-letter state abbreviation</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

**Value**

List of returned JSON from endpoint that retrieves

**Examples**

```python
get_nominees_by_state(115, 'VA')
```
get_quarter_office_expenses_house_member

Get Quarterly Office Expenses by a Specific House Member

Description

The House of Representatives publishes quarterly reports detailing official office expenses by lawmakers. The Congress API has data beginning in the third quarter of 2009. HTTP Request: GET https://api.propublica.org/congress/v1/members/member-id/office_expenses/year/quarter.json

Usage

get_quarter_office_expenses_by_category_house_member(member_id, category, myAPI_Key)

Arguments

member_id The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
category travel or personnel or rent-utilities or other-services or supplies or franked-mail or printing or equipment or total.
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

the amount a given lawmaker spent during a specified year and quarter in a specified category

Examples

get_quarter_office_expenses_by_category_house_member('A000374', 'travel')
**get_races_for_state**

Get all Candidates in a State for an Election Cycle

**Usage**

get_races_for_state(state, cycle = 2018)

**Arguments**

state  
The State (US) of the election

cycle  
Which election cycle (e.g. 2018)

**Value**

the result of the API call.

**Examples**

get_races_for_state('DE')
get_races_for_state('DE', 2016)
get_recently_added_independent_expenditure_committees

Get Recently Added Independent Expenditure-Only Committees.

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/superpacs

Usage

get_recently_added_independent_expenditure_committees(cycle = 2018, myAPI_Key)

Arguments

cycle: The election cycle
myAPI_Key: API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recently added FEC independent expenditure-only committees, known as “super PACs”.

Examples

get_recently_added_independent_expenditure_committees(2016)

generate_text
get_recently_committees

Arguments

cycle The election cycle: Four-digit even-numbered year between 2010 and 2018
myAPI_key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recently added FEC committees from the campaign-finance API from ProPublica.

Examples

getcode(2016)

get_recently_committees

Get Recently Added Committees.

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/new

Usage

getcode(cycle = 2018, myAPI_Key)

Arguments

cycle The election cycle
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recently added FEC committees from the campaign-finance API from ProPublica.

Examples

getcode(2016)
get_recent_amendments  Get Recent Amendments

Description
HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/filings/amendments

Usage
get_recent_amendments(cycle = 2018, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>cycle</th>
<th>The election cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value
List of returned JSON from endpoint that retrieves the most recent filings that are amendments of earlier filings

Examples

get_recent_amendments(2016)

get_recent_committee_hearing  Get Recent Committee Hearings

Description
To get a list of 20 upcoming Senate or House committee meetings, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/committees/hearings.json

Usage
get_recent_committee_hearing(congress, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>congress</th>
<th>114-115</th>
</tr>
</thead>
<tbody>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>
get_recent_congressional_statements

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples

get_recent_congressional_statements()

Description

To get lists of recent statements published on congressional websites, use the following function.
HTTP Request: GET https://api.propublica.org/congress/v1/statements/latest.json

Usage

get_recent_congressional_statements(myAPI_Key)

Arguments

myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples

get_recent_congressional_statements()
get_recent_congressional_statements_by_date

Get Congressional Statements by Date

Description
To get lists of statements published on congressional websites on a particular date, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/statements/date/date.json

Usage
get_recent_congressional_statements_by_date(year, month, day, myAPI_Key)

Arguments
- year: YYYY format
- month: MM format
- day: DD format
- myAPI_Key: API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples
get_recent_congressional_statements_by_date(2017, '05', '08')

get_recent_congressional_statements_by_term

Get Congressional Statements by Search Term

Description
To get lists of statements published on congressional websites using a search term, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/statements/search.json?query=term

Usage
get_recent_congressional_statements_by_term(term, myAPI_Key)
get_recent_electioneering_communications

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>term</td>
<td>search term</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent results that contain the search term in the title or body of the statement and supports pagination using multiples of 20.

Examples

```python
get_recent_congressional_statements_by_term('AHCA')
```

get_recent_electioneering_communications

Get Recent Electioneering Communications

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/electioneering_communications

Usage

get_recent_electioneering_communications(cycle = 2018, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>cycle</td>
<td>The election cycle</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent broadcast advertisements that identify one or more federal candidates (and have aired 30 days before a primary election and 60 days before the general election).

Examples

```python
get_recent_electioneering_communications(2016)
```
get_recent_house_senate_floor_actions

Get Recent House and Senate Floor Actions

Description

To get the latest actions from the House or Senate floor, use the following function. HTTP Request:
GET https://api.propublica.org/congress/v1/congress/chamber/floor_updates.json

Usage

get_recent_house_senate_floor_actions(congress, chamber, myAPI_key)

Arguments

- congress: 114-115 for House, 96-115 for Senate
- chamber: house or senate
- myAPI_key: API key from Propublica. To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20. The date attribute represents the “legislative day” in which the action took place (actions that occur after midnight often are part of the previous day’s activity).

Examples

get_recent_house_senate_floor_actions(115, 'house')

get_recent_independent_expend

Get Recent Independent Expenditures

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/independent_expenditures

Usage

get_recent_independent_expend(cycle = 2018, myAPI_key)
**get_recent_late_contributions**

**Arguments**

- **cycle**: The election cycle
  
  @return List of returned JSON from endpoint that retrieves the 200 most recent independent expenditures and optionally can be offset by multiples of 20.

- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Examples**

```lowercase
get_recent_independent_expend(2016)
```

---

**get_recent_late_contributions**

Get Recent Late Contributions https://www.propublica.org/datastore/apis

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/contributions/48hour

**Description**


**Usage**

```lowercase
get_recent_late_contributions(cycle = 2018, myAPI_Key)
```

**Arguments**

- **cycle**: The election cycle. Cycle must be even-numbered year between 2010 and 2018

- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the most recent late contributions to candidates from the campaign-finance API from ProPublica.

**Examples**

```lowercase
get_recent_late_contributions(2016)
```
get_recent_late_contributions_candidate

Get Recent Late Contributions to a Specific Candidate
https://www.propublica.org/datastore/apis HTTP Request: GET
https://api.propublica.org/campaign-finance/v1/cycle/candidates/fec-id/48hour

Description

Get Recent Late Contributions to a Specific Candidate https://www.propublica.org/datastore/apis
HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/candidates/fec-id/48hour

Usage

get_recent_late_contributions_candidate(cycle = 2018, FEC_ID, myAPI_Key)

Arguments

cycle The election cycle
FEC_ID The FEC-assigned 9-character ID of a candidate.
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the most recent late contributions to candidates from the campaign-finance API from ProPublica.

Examples

get_recent_late_contributions_candidate(2016, 'H4NY11138')

get_recent_late_contributions_committee

Get Recent Late Contributions to a Specific Committee
https://www.propublica.org/datastore/apis HTTP Request: GET
https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/48hour

Description

Get Recent Late Contributions to a Specific Committee https://www.propublica.org/datastore/apis
HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/committees/fec-id/48hour
get_recent_late_contributions_date

Usage

get_recent_late_contributions_committee(cycle = 2018, FEC_ID, myAPI_Key)

Arguments

cycle The election cycle
FEC_ID The FEC-assigned 9-character ID of a committee.
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the most recent late contributions to a specific committee.

Examples

get_recent_late_contributions_committee(2016, 'C00575050')

get_recent_late_contributions_date

Get Recent Late Contributions by Date

Description

HTTP Request: GET https://api.propublica.org/campaign-finance/v1/cycle/contributions/48hour/year/month/day

Usage

get_recent_late_contributions_date(cycle = 2018, year, month, day, myAPI_Key)

Arguments

cycle The election cycle
year The four-digit year from 2010-2018, match cycle
month The two-digit month from 01-12
day The two-digit day from 01-31
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves late contributions from a specific dates for a given campaign cycle from the campaign-finance API from ProPublica.
get_recent_nominations_by_category

Description
To get lists of presidential nominations for civilian positions, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/nominees/type.json

Usage
get_recent_nominations_by_category(congress, type, myAPI_Key)

get_recent_lobbying_representation_filings

Get Recent Lobbying Representation Filings

Description
To get the 20 most recent lobbying representation filings, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/lobbying/latest.json

Usage
get_recent_lobbying_representation_filings(myAPI_Key)

Arguments
myAPI_Key
API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves the 20 most recent lobbying representation filings.

Examples
get_recent_lobbying_representation_filings()
**get_recent_official_communications**

**Arguments**

- **congress**: 107-115
- **type**: received, updated, confirmed, withdrawn
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent results for the specified type: received, updated, confirmed or withdrawn.

**Examples**

```
get_recent_nominations_by_category(115, 'confirmed')
```

```
get_recent_official_communications

Get Recent Official Communications
```

**Description**

To get lists of official communications to Congress from the president, executive branch agencies and state legislatures to congressional committees, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/communications.json

**Usage**

```
get_recent_official_communications(congress, myAPI_Key)
```

**Arguments**

- **congress**: 114-115 for House, 96-115 for Senate
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent official communications to Congress from the president, executive branch agencies and state legislatures to congressional committees. The data covers communications to the House of Representatives since 2015, and communications to the Senate since 1979.

**Examples**

```
get_recent_official_communications(115)
```
get_recent_official_communications_by_category

Get Recent Official Communications by Category

Description
To get lists of official communications to Congress from the president, executive branch agencies and state legislatures to congressional committees, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/communications/category/category.json

Usage
get_recent_official_communications_by_category(congress, category, myAPI_Key)

Arguments
- congress: 114-115 for House, 96-115 for Senate
- category: ec, pm, pom
- myAPI_Key: API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves the 20 most recent results for the specified type: ec (Executive Communication), pm (Presidential Message) or pom (Petition or Memorial).

Examples
get_recent_official_communications_by_category(115, 'pm')

get_recent_official_communications_by_chamber

Get Recent Official Communications by Chamber

Description
To get lists of official communications to Congress for a specific chamber, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/committees/committee-id/subcommittees/subcommittee-id.json

Usage
get_recent_official_communications_by_chamber(congress, chamber, myAPI_Key)
**get_recent_official_communications_by_date**

**Arguments**

- congress: 114-115 for House, 96-115 for Senate
- chamber: house or senate
- myAPI_key: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent official communications to Congress for a specific chamber for the specified chamber, either house or senate.

**Examples**

```python
get_recent_official_communications_by_chamber(115, 'house')
```

---

**get_recent_official_communications_by_date**

*Get Recent Official Communications by Date*

**Description**

To get lists of official communications to Congress on a specific date, use the following function.

HTTP Request: GET https://api.propublica.org/congress/v1/congress/communications/category/category.json

**Usage**

```python
get_recent_official_communications_by_date(year, month, day, myAPI_key)
```

**Arguments**

- year: yyyy format
- month: mm format
- day: dd format
- myAPI_key: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent results for the specified type: ec (Executive Communication), pm (Presidential Message) or pom (Petition or Memorial).

**Examples**

```python
get_recent_official_communications_by_date(2018, '03', '21')
```
get_recent_personal_explanations

Get Recent Personal Explanations

Description

Lawmakers, mostly in the House but also in the Senate, can make personal explanations for missed or mistaken votes in the Congressional Record. These explanations can refer to a single vote or to multiple votes. To get lists of personal explanations, use the following URI structure. HTTP Request: GET https://api.propublica.org/congress/v1/congress/explanations.json

Usage

get_recent_personal_explanations(congress, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>101-115</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica. To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent results in the specified Congress

Examples

get_recent_personal_explanations(114)

get_recent_personal_explanations_specific_member

Get Recent Personal Explanations by a Specific Members

Description

Lawmakers, mostly in the House but also in the Senate, can make personal explanations for missed or mistaken votes in the Congressional Record. HTTP Request: GET https://api.propublica.org/congress/v1/members/member_id/explanations/congress.json

Usage

get_recent_personal_explanations_specific_member(member_id, congress, myAPI_Key)
get_recent_personal_explanations_votes

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>member_id</td>
<td>The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.</td>
</tr>
<tr>
<td>congress</td>
<td>110-115</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent personal explanations by a specific member in the specified Congress, and supports paginated requests using multiples of 20.

Examples

get_recent_personal_explanations_specific_member('S001193', 115)

get_recent_personal_explanations_votes

Get Recent Personal Explanation Votes

Description

Lawmakers, mostly in the House but also in the Senate, can make personal explanations for missed or mistaken votes in the Congressional Record. Unlike the “Recent Personal Explanations” response, this response contains explanations parsed to individual votes and have an additional category attribute describing the general reason for the absence or incorrect vote. To get lists of recent personal explanation votes, use the following URI structure. HTTP Request: GET https://api.propublica.org/congress/v1/congress/explanations/votes.json

Usage

get_recent_personal_explanations_votes(congress, myAPI_key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>101-115</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent personal explanation votes in the specified Congress, contains explanations parsed to individual votes and have an additional category attribute describing the general reason for the absence or incorrect vote.
Examples

get_recent_personal_explanations_votes(114)

get_recent_personal_explanations_votes_by_category

Get Recent Personal Explanation Votes by Category

Description

Lawmakers, mostly in the House but also in the Senate, can make personal explanations for missed or mistaken votes in the Congressional Record. Unlike the “Recent Personal Explanations” response, this response contains explanations parsed to individual votes and have an additional category attribute describing the general reason for the absence or incorrect vote. HTTP Request: GET https://api.propublica.org/congress/v1/congress/explanations/votes/category.json

Usage

get_recent_personal_explanations_votes_by_category(congress, category, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>101-115</td>
</tr>
<tr>
<td>category</td>
<td>options: voted-incorrectly (Voted yes or no by mistake), official-business (Away on official congressional business), ambiguous (No reason given), travel-difficulties (Travel delays and issues), personal (Personal or family reason), claims-voted (Vote made but not recorded), medical (Medical issue for lawmaker, not family), weather, memorial, misunderstanding, leave-of-absence, prior-commitment, election-related, military-service, other</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent personal explanation votes filtered by a category in the specified Congress.

Examples

get_recent_personal_explanations_votes_by_category(115, ‘voted-incorrectly’)
get_recent_personal_explanations_votes_specific_member

Get Recent Personal Explanation Votes by a Specific Member

Description

Lawmakers, mostly in the House but also in the Senate, can make personal explanations for missed or mistaken votes in the Congressional Record. To get recent personal explanations by a specific member that are parsed to individual votes and have an additional category attribute describing the general reason for the absence or incorrect vote, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/members/member_id/explanations/congress/votes.json

Usage

get_recent_personal_explanations_votes_specific_member(member_id, congress, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>member_id</td>
<td>The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.</td>
</tr>
<tr>
<td>congress</td>
<td>110-115</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent personal explanations by a specific member in the specified Congress, and supports paginated requests using multiples of 20.

Examples

gget_recent_personal_explanations_votes_specific_member('S001193', 115)

---

gget_recent_personal_explanations_votes_specific_member_by_category

Get Recent Personal Explanation Votes by a Specific Member by Category
Lawmakers, mostly in the House but also in the Senate, can make personal explanations for missed or mistaken votes in the Congressional Record. To get recent personal explanations by a specific member that are parsed to individual votes and have an additional category attribute describing the general reason for the absence or incorrect vote, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/members/member_id/explanations/congress/votes.json

get_recent_personal_explanations_votes_specific_member_by_category(member_id, congress, category, myAPI_Key)

**Arguments**

- **member_id**: The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
- **congress**: 110-115
- **category**: options: voted-incorrectly (Voted yes or no by mistake), official-business (Away on official congressional business), ambiguous (No reason given), travel-difficulties (Travel delays and issues), personal (Personal or family reason), claims-voted (Vote made but not recorded), medical (Medical issue for lawmaker, not family), weather, memorial, misunderstanding, leave-of-absence, prior-commitment, election-related, military-service, other
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent personal explanations by a specific member in the specified Congress, and supports paginated requests using multiples of 20.

**Examples**

```python
get_recent_personal_explanations_votes_specific_member_by_category('S001193', 115, 'personal')
```

You can get recent votes from the House, Senate or both chambers using this request. This request returns the 20 most recent results, sorted by date and roll call number, and you can paginate through votes using the offset querystring parameter that accepts multiples of 20. HTTP Request: GET https://api.propublica.org/congress/v1/chamber/votes/recent.json

get_recent_votes

**Description**

You can get recent votes from the House, Senate or both chambers using this request. This request returns the 20 most recent results, sorted by date and roll call number, and you can paginate through votes using the offset querystring parameter that accepts multiples of 20. HTTP Request: GET https://api.propublica.org/congress/v1/chamber/votes/recent.json
**get_related_bills**

*Get Related Bills for a Specific Bill*

**Description**


**Usage**

```
get_related_bills(congress, bill_id, myAPI_Key)
```

**Arguments**

- **congress** 105-115
- **bill_id** a bill slug, for example hr4881 - these can be found in the recent bill response.
- **myAPI_Key** API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent results and supports paginated requests.

**Examples**

```
get_related_bills(115, 'hr3219')
```
get_senate_nomination_votes

Get Senate Nomination Votes

Description

To get Senate votes on presidential nominations. HTTP Request: GET https://api.propublica.org/congress/v1/congress/nominations.json

Usage

get_senate_nomination_votes(congress, myAPI_key)

Arguments

| congress | 101-115 |
| myAPI_key | API key from Propublica To use the congress API, you must sign up for an API key. |

Value

List of returned JSON from endpoint that retrieves Senate votes on presidential nominations

Examples

get_senate_nomination_votes(114)

get_specific_bill

Get a Specific Bill

Description

The attributes house_passage_vote and senate_passage_vote are populated (with the date of passage) only upon successful passage of the bill. Bills before the 113th Congress (prior to 2013) have fewer attribute values than those from the 113th Congress onward, because the more recent bill data comes from the bulk data provided by the Government Publishing Office. Details for the older bills came from scraping Thomas.gov, the former congressional site of the Library of Congress. HTTP Request: GET https://api.propublica.org/congress/v1/congress/bills/bill-id.json

Usage

get_specific_bill(congress, bill_id, myAPI_key)
get_specific_bill_subject

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>105-115</td>
</tr>
<tr>
<td>bill_id</td>
<td>a bill slug, for example hr4881 - these can be found in the recent bill response.</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves details about a particular bill, including actions taken and votes.

Examples

```
get_specific_bill(115, 'hr21')
```

get_specific_bill_subject

*Get a Specific Bill Subject*

Description

Use this request type to search for bill subjects that contain a specified term. HTTP Request: GET https://api.propublica.org/congress/v1/bills/subjects/search.json

Usage

```
get_specific_bill_subject(subject, myAPI_Key)
```

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>subject</td>
<td>a word or phrase to search</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves bill subjects that contain a specified term.

Examples

```
get_specific_bill_subject('meat')
```
get_specific_committee

Get a Specific Committee

Description

To get information about a single Senate or House committee, including the members of that committee, use the following function. The committee ids can be found in the committee list responses.

HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/committees/committee-id.json

Usage

get_specific_committee(congress, chamber, committee_id, myAPI_Key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>110-115</td>
</tr>
<tr>
<td>chamber</td>
<td>house, senate or joint</td>
</tr>
<tr>
<td>committee_id</td>
<td>Committee abbreviation, for example HSAG. Use the full committees response to find abbreviations.</td>
</tr>
<tr>
<td>myAPI_Key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples

get_specific_committee(115, "senate",
lists_of_committees(115, "senate")$results[[1]]$committees[[1]]$id)

get_specific_committee(115, "senate", "SSAF")
get_specific_lobbying_representation_filings

Get a Specific Lobbying Representation filing

Description

To get a specific lobbying representation filing, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/lobbying/id.json

Usage

get_specific_lobbying_representation_filings(id, myAPI_key)

Arguments

<table>
<thead>
<tr>
<th>id</th>
<th>numeric id attribute from search or latest responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves

Examples

get_specific_lobbying_representation_filings('300986302')

get_specific_nominations

Get a Specific Nomination

Description

To get details about a particular presidential civilian nomination, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/nominees/nominee-id.json

Usage

get_specific_nominations(congress, nominee_id, myAPI_key)
get_specific_roll_call_vote

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>107-115 for House, 80-115 for Senate</td>
</tr>
<tr>
<td>nominee_id</td>
<td>alphanumeric ID beginning with PN - for example, PN675</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves

Examples

```
get_specific_nominations(115, 'PN40')
```

get_specific_roll_call_vote

Get a Specific Roll Call Vote

Description

To get a specific roll-call vote, including a complete list of member positions. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/sessions/session-number/votes/roll-call-number.json

Usage

```
get_specific_roll_call_vote(congress, chamber = c("house", "senate"),
  session_number, roll_call_number, myAPI_Key)
```

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>congress</td>
<td>102-115 for House, 80-115 for Senate</td>
</tr>
<tr>
<td>chamber</td>
<td>house or senate</td>
</tr>
<tr>
<td>session_number</td>
<td>1 or 2, depending on year (1 is odd-numbered years, 2 is even-numbered years) passed (latest_major_action_date), enacted (enacted), vetoed (vetoed).</td>
</tr>
<tr>
<td>roll_call_number</td>
<td>integer</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves a specific roll-call vote s
**get_specific_subcommittee**

**Examples**

```python
get_specific_roll_call_vote(115, 'senate', 1, 17)
```

**Description**

To get information about a single Senate or House subcommittee, including the members of that subcommittee, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/congress-id/chamber_id/subcommittees/subcommittee-id.json

**Usage**

```python
def get_specific_subcommittee(congress, chamber, committee_id, subcommittee_id, myAPI_Key):
    pass
```

**Arguments**

- **congress**: 114-115
- **chamber**: house or senate or joint
- **committee_id**: Optional committee abbreviation, for example HSAG. Use the full committees response to find abbreviations.
- **subcommittee_id**: Optional sub-committee abbreviation, for example HSAG. Use the full committees response to find abbreviations.
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent hearings and supports pagination.

**Examples**

```python
get_specific_subcommittee(115, 'house', 'HSAS', 'HSAS28')
get_specific_subcommittee(115, 'house',
lists_of_committees(115, "senate")$results[[1]]$committees[[2]]$id,
lists_of_committees(115, "senate")$results[[1]]$committees[[2]]$subcommittees[[1]]$id)
```
get_statement_subjects

*Get Statement Subjects*

**Description**

To get lists of subjects used to categorize congressional statements, use the following function. These subjects are not automatically assigned but are manually curated by ProPublica, although they are based on legislative subjects produced by the Library of Congress. HTTP Request: GET https://api.propublica.org/congress/v1/statements/subjects.json

**Usage**

```python
get_statement_subjects(myAPI_Key)
```

**Arguments**

- `myAPI_Key` (API key from Propublica) To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves all of the subjects that have been used at least once.

**Examples**

```python
get_statement_subjects()
```

get_state_party_counts

*Get State Party Counts*

**Description**

To get party membership counts for all states (current Congress only), use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/states/members/party.json

**Usage**

```python
get_state_party_counts(myAPI_Key)
```
**get_subjects_for_bill**

**Arguments**

- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves

**Examples**

```  
get_state_party_counts()
```

---

### get_subjects_for_bill  Get Subjects for a Specific Bill

**Description**


**Usage**

```  
get_subjects_for_bill(congress, bill_id, myAPI_Key)
```

**Arguments**

- **congress**: 105-115
- **bill_id**: a bill slug, for example hr4881 - these can be found in the recent bill response.
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves the 20 most recent results and supports paginated requests.

**Examples**

```  
get_subjects_for_bill(115, 'hr1628')
```
get_top20_candidate_of_FinancialCategory

*Get Top 20 Candidates in Specific Financial Category*

**Description**


**Usage**

get_top20_candidate_of_FinancialCategory(category, cycle = 2018, myAPI Key)

**Arguments**

- **category**: One of the values from the following categories: 'candidate-loan', 'contribution-total', 'debts-owed', 'disbursements-total', 'end-cash', 'individual-total', 'pac-total', 'receipts-total' and 'refund-total'.
- **cycle**: The election cycle
- **myAPI Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

List of returned JSON from endpoint that retrieves a specific FEC candidate for a given campaign cycle.

**Examples**

get_top20_candidate_of_FinancialCategory('pac-total', 2016)

---

get_upcoming_bills

*Get Upcoming Bills*

**Description**

The responses include a legislative_day attribute which is the earliest the bills could be considered and a range attribute that indicates whether the bill information comes from a weekly schedule or a daily one. Combine the two for the best sense of when a bill might come up for consideration. For Senate bills, the response includes a context attribute reproducing the sentence that includes mention of the bill. These responses omit bills that have not yet been assigned a bill number or introduced, and additional bills may be considered at any time. HTTP Request: GET https://api.propublica.org/congress/v1/bills/upcoming/chamber.json
get_votes_by_date

Usage

    get_upcoming_bills(chamber, myAPI_Key)

Arguments

    chamber       house or senate.
    myAPI_Key     API key from Propublica To use the congress API, you must sign up for an API key.

Value

    List of returned JSON from endpoint that retrieves details on bills that may be considered by the House or Senate in the near future, based on scheduled published or announced by congressional leadership.

Examples

    get_upcoming_bills('senate')

get_votes_by_date  Get Votes by Date

Description

    HTTP Requests: GET https://api.propublica.org/congress/v1/chamber/votes/year/month.json

Usage

    get_votes_by_date(chamber = c("house", "senate"), year, month, myAPI_Key)

Arguments

    chamber       house or senate
    year          YYYY format
    month         MM format
    myAPI_Key     API key from Propublica To use the congress API, you must sign up for an API key.

Value

    List of returned JSON from endpoint that retrieves all votes for one or both chambers in a particular month.
get_votes_by_date_range

Get Votes by date range

Description

HTTP Requests: GET https://api.propublica.org/congress/v1/chamber/votes/start-date/end-date.json

Usage

get_votes_by_date_range(chamber = c("house", "senate"), start_date, end_date, myAPI_key)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>chamber</td>
<td>house or senate</td>
</tr>
<tr>
<td>start_date</td>
<td>YYYY-MM-DD format</td>
</tr>
<tr>
<td>end_date</td>
<td>YYYY-MM-DD format</td>
</tr>
<tr>
<td>myAPI_key</td>
<td>API key from Propublica To use the congress API, you must sign up for an API key.</td>
</tr>
</tbody>
</table>

Value

List of returned JSON from endpoint that retrieves all votes in a particular date range (fewer than 30 days)

Examples

get_votes_by_date_range('house', '2017-01-03', '2017-01-31')
Description

You can get vote information in four categories: missed votes, party votes, lone no votes and perfect votes. Missed votes provides information about the voting attendance of each member of a specific chamber and congress. Party votes provides information about how often each member of a specific chamber and congress votes with a majority of his or her party. Lone no votes provides information lists members in a specific chamber and congress who were the only members to vote No on a roll call vote, and how often that happened. Perfect votes lists members in a specific chamber and congress who voted Yes or No on every vote for which he or she was eligible. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/votes/vote-type.json

Usage

get_votes_by_type(congress, chamber = c("house", "senate"), vote_type, myAPI_Key)

Arguments

- congress: 102-115 for House, 80-115 for Senate
- chamber: house or senate
- vote_type: missed, party, loneno or perfect
- myAPI_Key: API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves a types of votes of each member of a specific chamber and congress.

Examples

get_votes_by_type(114, 'house', 'missed')
list_of_committees  Lists of Committees

Description
To get a list of Senate, House or joint committees, including their subcommittees, use the following function. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/committees.json

Usage
lists_of_committees(chamber, congress, myAPI_key)

Arguments
- congress: 110-115
- chamber: house, senate or joint
- myAPI_key: API key from Propublica To use the congress API, you must sign up for an API key.

Value
List of returned JSON from endpoint that retrieves the 20 most recent results and supports pagination using multiples of 20.

Examples
lists_of_committees(115, "senate")

list_members_chamber_congress
To get a list of members of a particular chamber in a particular Congress

Description
The results include all members who have served in that congress and chamber, including members who are no longer in office. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/members.json

Usage
list_members_chamber_congress(chamber, congress, myAPI_key)
Arguments

congress 102-115 for House, 80-115 for Senate
chamber house or senate
myAPI.Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

list of members of a particular chamber in a particular Congress

Examples

list_members_chamber_congress(115, 'senate')

---

pp_convert_to_data_frame

Convert a ProPublica API result a Data Frame

Description

The function attempts to convert the result of a ProPublica API call to a data.frame. If the result of the API call contains various parts, the which_part parameter can be used to specify for which of these the conversion is required. Typically the 'payload' resides in the 'results' field, which is the default, but occasionally the summary and meta fields might be of interest.

Usage

pp_convert_to_data_frame(what, which_part = c("result", "summary", "meta"))

Arguments

what Return value from one of the get_functions.
which_part Which part are we converting. Defaults to 'results', but 'summary' and 'meta' may be useful in some cases.

Details

The function also replaces . (dot) with _ (underscore) in column names for compatibility with database inserts (e.g. DBI::dbWriteTable)

Value

a data.frame
Examples

```r
tmp <- get_candidates_in_race('MI','house',11)
pp_convert_to_data_frame(tmp)
pp_convert_to_data_frame(tmp,'summary')
```

---

**pp_query**

*Execute a query against the ProPublica API*

**Description**

This function is primarily meant to be used by other functions in the package, but is made available in case a "raw query" is required.

**Usage**

```r
pp_query(query, API = c("campaign-finance", "congress"),
          version = "v1", myAPI_Key)
```

**Arguments**

- **query**: The query to be executed
- **API**: Which API are you accessing
- **version**: API version. Currently v1.
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

**Value**

a list object with the return values.

**Examples**

```r
pp_query('115/bills/hr21.json', API = 'congress', version='v1')
pp_query('2018/races/MI/house/11.json', API='campaign-finance',version='v1')
```
recent_bills_by_member

Get Recent Bills by a Specific Member

Description
Use this request type to get the 20 bills most recently introduced or updated by a particular member. Results can include more than one Congress. HTTP Request: GET https://api.propublica.org/congress/v1/members/member-id/bills/type.json

Usage
recent_bills_by_member(member_id, type, myAPI_key)

Arguments
- **member_id**: member-id The ID of the member to retrieve; it is assigned by the Biographical Directory of the United States Congress or can be retrieved from a member list request.
- **type**: introduced or updated
- **myAPI_Key**: API key from Propublica To use the congress API, you must sign up for an API key.

Value
the 20 bills most recently introduced or updated by a particular member. Results can include more than one Congress.

Examples
recent_bills_by_member('L000287', 'introduced')

recent_bills_by_subject

Get Recent Bills by a Specific Subject

Description
Use this request type to get the 20 most recently updated bills for a specific legislative subject. Results can include more than one Congress. HTTP Request: GET https://api.propublica.org/congress/v1/bills/subjects/subject.json

Usage
recent_bills_by_subject(subject, myAPI_Key)
Arguments

**subject**
A slug version of a legislative subject, displayed as url_name in subject responses.

**myAPI_KEY**
API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves the 20 most recently updated bills for a specific legislative subject.

Examples

```
recent_bills_by_subject('meat')
```

Description

For the current Congress, “recent bills” can be one of four types (see the descriptions below). For previous Congresses, “recent bills” means the last 20 bills of that Congress. In the responses, an active value of true means that the bill has seen action beyond introduction and committee referral. Requests include a chamber value; to get recent bills from the House and Senate, use both as the value.

You can paginate through bills using the offset querystring parameter that accepts multiples of 20. Bills before the 113th Congress (prior to 2013) have fewer attribute values than those from the 113th Congress onward, because the more recent bill data comes from the bulk data provided by the Government Publishing Office. The order of the results depends on the value of type and all results are sorted in descending order. HTTP Request: GET https://api.propublica.org/congress/v1/congress/chamber/bills/type.json

Usage

```
recent_bills_by_type(congress, chamber = c("house", "senate"),
  type = c("introduced", "updated", "active", "passed", "enacted",
         "vetoed"), myAPI_KEY)
```

Arguments

**congress**
105-115

**chamber**
house, senate or both

**type**
introduced (introduced_date), updated (latest_major_action_date), active (latest_major_action_date) passed (latest_major_action_date), enacted (enacted), vetoed (vetoed).

**myAPI_KEY**
API key from Propublica To use the congress API, you must sign up for an API key.
search_lobbying_representation_filings

Value

summaries of the 20 most recent bills by type. The order of the results depends on the value of type
and all results are sorted in descending order.

Examples

recent_bills_by_type(115, 'house', 'introduced')

search_lobbying_representation_filings

Search Lobbying Representation filings

Description

To get the 20 most recent lobbying representation filings for a given search term, use the following
function. HTTP Request: GEThttps://api.propublica.org/congress/v1/lobbying/search.json?query=query

Usage

search_lobbying_representation_filings(query, myAPI_Key)

Arguments

query keyword or phrase
myAPI_Key API key from Propublica To use the congress API, you must sign up for an API key.

Value

List of returned JSON from endpoint that retrieves

Examples

search_lobbying_representation_filings('Facebook')
us_congressional_districts

US Congressional Districts

Description
A dataset containing some information about US Congressional Districts

Usage
us_congressional_districts

Format
A data frame with 435 rows and 3 variables:

district  The district name
state_name The state the district is in
state_abb  Two letter state abbreviation
district_number District number. Except for at-large districts. ...

validate_cycle

Validate that year cycle is correct

Description
Validate that year cycle is correct

Usage
validate_cycle(cycle)

Arguments
cycle       An election cycle (e.g. 2018)

Value
TRUE if correct FALSE otherwise

Examples
validate_cycle(1996)#TRUE
validate_cycle(1979)#FALSE
validate_cycle(16) #FALSE
validate_district

Validate that a district abbreviation is correct

Description

Validate that a district abbreviation is correct

Usage

validate_district(us_district)

Arguments

us_district An integer corresponding to the district.

Value

TRUE if correct FALSE otherwise

Examples

validate_district(1)#TRUE
validate_district(111) #FALSE
validate_district(us_congressional_districts$district[1]) #FALSE
validate_district(as.numeric(us_congressional_districts$district_number[1]))) #TRUE

validate_state

Validate that a abbreviation is correct

Description

Validate that a abbreviation is correct

Usage

validate_state(us_state)

Arguments

us_state State abbreviation (e.g. NY)

Value

TRUE if correct FALSE otherwise
Examples

validate_state("MI") # TRUE
validate_state("IM") # FALSE
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