

Package ‘rtimes’

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Title Client for New York Times 'APIs'

Description Interface to Congress, Campaign Finance, Article Search, and Geographic 'APIs' from the New York Times (<<http://developer.nytimes.com/>>) and 'ProPublica' (<<https://www.propublica.org/datastore/apis>>). This client covers a subset of the New York Times and 'ProPublica' 'APIs'.

Version 0.5.0

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URL <https://github.com/ropengov/rtimes>

BugReports <https://github.com/ropengov/rtimes/issues>

VignetteBuilder knitr

Imports utils, crul (>= 0.3.8), jsonlite, dplyr, tibble, data.table

Suggests roxygen2 (>= 6.0.1), knitr, testthat, lubridate, ggplot2, scales, grid

RoxygenNote 6.0.1

NeedsCompilation no

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Description

Interface to the Congress and Campaign Finance APIs from Propublica, and the Article Search and Geographic 'APIs' from the New York Times.

Details

Backstory is that the Congress and Campaign finance APIs used to be part of NYTimes, but were taken over by Propublica.

rtimes API

Functions that wrap these sets of APIs are prefixed by two letter acronyms fo reach API endpoint + the function name itself as for example cg + fxn

- as - for the Article Search API (Docs: http://developer.nytimes.com/article_search_v2.json)
- geo - for the Geographic API (Docs: http://developer.nytimes.com/geo_api_v2.json)
- cg - for the Congress API (Docs: <https://projects.propublica.org/api-docs/congress-api/>)
- cf - for the Campaign Finance API (Docs: <https://propublica.github.io/campaign-finance-api-docs/>)

See the vignette for help.

Authentication

Get your own API keys for NYTimes APIs at <http://developer.nytimes.com/signup> - you'll need a different key for each of the article saerch and geo NYTimes APIs.

Get your Propublica API key for Congress and Campaign Finance APIs at either <https://www.propublica.org/datastore/api/propublica-congress-api> or <https://www.propublica.org/datastore/api/campaign-finance-api> - as far as I know, you can use the same key for both APIs

We set up the functions so that you can put the key in your `.Renviron` file, which will be called on startup of R, and then you don't have to enter your API key for each run of a function. Add entries for an R session like

- `Sys.setenv(NYTIMES_AS_KEY = "YOURKEYHERE")`
- `Sys.setenv(NYTIMES_GEO_KEY = "YOURKEYHERE")`
- `Sys.setenv(PROPUBLICA_API_KEY = "YOURKEYHERE")`

Or set them across sessions by putting entries in your `.Renviron` file like

- `NYTIMES_AS_KEY=<yourkey>`
- `NYTIMES_GEO_KEY=<yourkey>`
- `PROPUBLICA_API_KEY=<yourkey>`

You can also pass in your key in a function call, but be careful not to expose your keys in code committed to public repositories. If you do pass in a function call, use e.g., `Sys.getenv("NYTIMES_AS_KEY")`

Rate limits

Rate limits vary for the different APIs:

- Article Search API: 1/sec, 1,000/day
- Geographic API: 5/sec, 1,000/day
- Congress API: 2/sec, 5,000/day
- Campaign Finance API: 50/sec, 5,000/day

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as_search

Article search

Description

Article search

Usage

```
as_search(q, fq = NULL, sort = NULL, begin_date = NULL, end_date = NULL,  
  key = NULL, fl = NULL, hl = FALSE, page = 0, all_results = FALSE,  
  try_flatten = FALSE, facet_field = NULL, facet_filter = NULL,  
  sleep = 2, ..., callopts = list())
```

Arguments

q	Search query term. Search is performed on the article body, headline and byline.
fq	Filtered search query using standard Lucene syntax. The filter query can be specified with or without a limiting field: label. See <code>fq_fields</code> for the filter query fields.
sort	(character) Default NULL. One of newest or oldest . By default, search results are sorted by their relevance to the query term (q). Use the sort parameter to sort by <code>pub_date</code> .
begin_date	Begin date - Restricts responses to results with publication dates of the date specified or later. In the form YYYYMMDD
end_date	End date - Restricts responses to results with publication dates of the date specified or earlier. In the form YYYYMMDD
key	your New York Times API key; pass in, or loads from <code>.Renviron</code> as <code>NYTIMES_AS_KEY</code> . See rtimes-package for info on rate limits.
fl	(character) Vector of fields to return. default: all fields
hl	(logical) Highlight or not, default: FALSE
page	Page number. The value of page corresponds to a set of 10 results (it does not indicate the starting number of the result set). For example, <code>page=0</code> corresponds to records 0-9. To return records 10-19, set page to 1, not 10.
all_results	(logical) return all results. Default: FALSE
try_flatten	(logical) attempt to completely flatten <code>data.frame</code> , which may fail in some cases as its hard to account for all edge cases. Default: FALSE
facet_field	(character) Specifies the sets of facet values to include in the facets array at the end of response, which collects the facet values from all the search results. By default no facet fields will be returned. See Details for options.
facet_filter	(logical) Fields to facet on, as vector. When set to TRUE, facet counts will respect any applied filters (fq, date range, etc.) in addition to the main query term. To filter facet counts, specifying at least one <code>facet_field</code> is required.
sleep	(integer) seconds to sleep between successive requests, only used when <code>all_results=TRUE</code>
...	Futher args pass into query
callopts	Curl options (debugging tools mostly) passed to HttpClient

Details

`fl` parameter options are:

- `web_url`
- `snippet`
- `lead_paragraph`
- `abstract`
- `print_page`
- `blog`

- source
- multimedia
- headline
- keywords
- pub_date
- document_type
- news_desk
- byline
- type_of_material
- _id
- word_count

facet_field param options are:

- section_name
- document_type
- type_of_material
- source
- day_of_week

References

http://developer.nytimes.com/docs/read/article_search_api_v2 http://developer.nytimes.com/article_search_v2.json#/README

Examples

```
## Not run:
# basic search - copyright, metadata, data, and facet slots
(x <- as_search(q="bailout", begin_date = "20081001",
  end_date = '20081005'))
x$copyright
x$meta
x$data
x$facet
Sys.sleep(1)

as_search(q="money", fq = 'The New York Times', fl = c('word_count',
  'snippet', 'headline'))
Sys.sleep(1)
x <- as_search(q="bailout", hl = TRUE)
x$data$snippet
Sys.sleep(1)

# all results
(x <- as_search(q="bailout", begin_date = "20081001",
  end_date = '20081003', all_results = TRUE))
```

```

x$meta
x$data
Sys.sleep(1)

# facetting
as_search(q="bailout", facet_field = 'section_name', begin_date = "20081001",
  end_date = '20081201')
Sys.sleep(1)
## with facet filtering
as_search(q="bailout", facet_field = 'section_name', begin_date = "20081001",
  end_date = '20081201', facet_filter = TRUE)

# curl options
x <- as_search(q="bailout", begin_date = "20081001",
  end_date = '20081005', callopts = list(verbose = TRUE))

## End(Not run)

```

cf_candidate_details *Campaign finance - candidate details*

Description

Campaign finance - candidate details

Usage

```
cf_candidate_details(campaign_cycle = NULL, fec_id = NULL, key = NULL,
  ...)
```

Arguments

campaign_cycle	An even-numbered year in YYYY format. Presidential data: 2008-present; Congressional data: 2000-present
fec_id	FEC id
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

References

<http://propublica.github.io/campaign-finance-api-docs>

See Also

Other campaign-finance: [cf_candidate_leaders](#), [cf_candidate_new](#), [cf_candidate_search](#), [cf_candidate_state](#)

Examples

```
## Not run:
cf_candidate_details(campaign_cycle = 2008, fec_id = 'P80003338')
cf_candidate_details(campaign_cycle = 2012, fec_id = 'P80003338')

## End(Not run)
```

cf_candidate_leaders *Campaign finance - candidate leaders*

Description

Campaign finance - candidate leaders

Usage

```
cf_candidate_leaders(campaign_cycle = NULL, category = NULL, key = NULL,
  ...)
```

Arguments

campaign_cycle An even-numbered year in YYYY format. Presidential data: 2008-present; Congressional data: 2000-present

category Category. Specify one of these categories:

- Candidate Loan candidate-loan
- Contribution Total contribution-total
- Debts Owed debts-owed
- Disbursements Total disbursements-total
- End Cash end-cash
- Individual Total individual-total
- PAC Total pac-total
- Receipts Total receipts-total
- Refund Total refund-total

key (character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See [rtimes-package](#) for info on rate limits.

... Curl options (debugging tools mostly) passed to [HttpClient](#)

References

<http://propublica.github.io/campaign-finance-api-docs>

See Also

Other campaign-finance: [cf_candidate_details](#), [cf_candidate_new](#), [cf_candidate_search](#), [cf_candidate_state](#)

Examples

```
## Not run:
cf_candidate_leaders(campaign_cycle = 2010, category='end-cash')
cf_candidate_leaders(campaign_cycle = 2008, category='receipts-total')

## End(Not run)
```

cf_candidate_new	<i>Campaign finance - get new candidates</i>
------------------	--

Description

Campaign finance - get new candidates

Usage

```
cf_candidate_new(campaign_cycle = NULL, key = NULL, ...)
```

Arguments

campaign_cycle	An even-numbered year in YYYY format. Presidential data: 2008-present; Congressional data: 2000-present
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

References

<http://propublica.github.io/campaign-finance-api-docs>

See Also

Other campaign-finance: [cf_candidate_details](#), [cf_candidate_leaders](#), [cf_candidate_search](#), [cf_candidate_state](#)

Examples

```
## Not run:
cf_candidate_new(campaign_cycle = 2016)
cf_candidate_new(campaign_cycle = 2015)
cf_candidate_new(campaign_cycle = 2014)

## End(Not run)
```

cf_candidate_state *Campaign finance - candidates from a state*

Description

Campaign finance - candidates from a state

Usage

```
cf_candidate_state(campaign_cycle, state, chamber = NULL, district = NULL,  
key = NULL, ...)
```

Arguments

campaign_cycle	An even-numbered year in YYYY format. Presidential data: 2008-present; Congressional data: 2000-present
state	(character) Two-letter state abbreviation. required.
chamber	(character) house or senate. required.
district	(character) Specify the district number. Use 1 for states with a single representative. (House requests only - districts with Senate requests will be ignored). required.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

References

<http://propublica.github.io/campaign-finance-api-docs>

See Also

Other campaign-finance: [cf_candidate_details](#), [cf_candidate_leaders](#), [cf_candidate_new](#), [cf_candidate_search](#)

Examples

```
## Not run:  
cf_candidate_state(campaign_cycle = 2014, state = "TX")  
cf_candidate_state(campaign_cycle = 2012, state = "NM")  
cf_candidate_state(campaign_cycle = 2016, state = "OR", chamber = "senate")  
cf_candidate_state(campaign_cycle = 2016, state = "CA",  
chamber = "house", district = 2)  
  
## End(Not run)
```

cg_billscosponsor *Get bill cosponsorship data for a particular member.*

Description

Get bill cosponsorship data for a particular member.

Usage

```
cg_billscosponsor(memberid = NULL, type = NULL, key = NULL, ...)
```

Arguments

memberid	The member's unique ID number (alphanumeric). To find a member's ID number, get the list of members for the appropriate House or Senate. You can also use the Biographical Directory of the United States Congress to get a member's ID. In search results, each member's name is linked to a record by index ID (e.g., http://bioguide.congress.gov/scripts/biodisplay.pl?index=C001041). Use the index ID as member-id in your request.
type	One of 'cosponsored' (the 20 bills most recently cosponsored by member-id) or 'withdrawn' (the 20 most recently withdrawn cosponsorships for member-id).
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of new members of the current Congress.

References

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

See Also

Other congress: [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_billscosponsor(memberid='B001260', type='cosponsored')

## End(Not run)
```

cg_memberappear	<i>Get information about a particular member's appearances on the House or Senate floor.</i>
-----------------	--

Description

Get information about a particular member's appearances on the House or Senate floor.

Usage

```
cg_memberappear(memberid = NULL, key = NULL, ...)
```

Arguments

memberid	The member's unique ID number (alphanumeric). To find a member's ID number, get the list of members for the appropriate House or Senate. You can also use the Biographical Directory of the United States Congress to get a member's ID. In search results, each member's name is linked to a record by index ID (e.g., http://bioguide.congress.gov/scripts/biodisplay.pl?index=C001041). Use the index ID as member-id in your request.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

Get information about a particular member's appearances on the House or Senate floor.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:  
cg_memberappear(memberid='S001181')  
  
## End(Not run)
```

cg_memberbioroles *Member bio roles*

Description

Get biographical and Congressional role information for a particular member of Congress.

Usage

```
cg_memberbioroles(memberid = NULL, key = NULL, ...)
```

Arguments

memberid	The member's unique ID number (alphanumeric). To find a member's ID number, get the list of members for the appropriate House or Senate. You can also use the Biographical Directory of the United States Congress to get a member's ID. In search results, each member's name is linked to a record by index ID (e.g., http://bioguide.congress.gov/scripts/biodisplay.pl?index=C001041). Use the index ID as member-id in your request.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of members of a particular chamber in a particular Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_memberbioroles(memberid = 'S001181')

## End(Not run)
```

`cg_memberbystatedistrict`*Get a list of the most recent new members of the current Congress.*

Description

Get a list of the most recent new members of the current Congress.

Usage

```
cg_memberbystatedistrict(chamber = NULL, state = NULL, district = NULL,  
    key = NULL, ...)
```

Arguments

<code>chamber</code>	One of 'house' or 'senate'.
<code>state</code>	Limits the list of members by state; two-letter state code (e.g., CA).
<code>district</code>	Limits the list of members by district (House only). If you specify a district, you must also specify a state. If the district number you specify is higher than the total number of districts for that state, a 404 response will be returned.
<code>key</code>	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
<code>...</code>	Curl options (debugging tools mostly) passed to HttpClient

Value

List of new members of the current Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:  
cg_memberbystatedistrict(chamber='senate', state='NH')  
cg_memberbystatedistrict(chamber='senate', state='CA')  
cg_memberbystatedistrict(chamber='senate', state='OR')  
cg_memberbystatedistrict(chamber='house', state='OR', district=1)  
  
## End(Not run)
```

cg_membersleaving	<i>Get a list of members who have left the Senate or House or have announced plans to do so.</i>
-------------------	--

Description

Get a list of members who have left the Senate or House or have announced plans to do so.

Usage

```
cg_membersleaving(congress_no = NULL, chamber = NULL, key = NULL, ...)
```

Arguments

congress_no	The number of the Congress during which the members served.
chamber	One of 'house' or 'senate'.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of new members of he current Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_membersleaving(congress_no = 112, chamber = 'house')

## End(Not run)
```

cg_memberslist *Get a list of members of a particular chamber in a particular Congress*

Description

Get a list of members of a particular chamber in a particular Congress

Usage

```
cg_memberslist(congress_no = NULL, chamber = NULL, state = NULL,
               district = NULL, key = NULL, ...)
```

Arguments

congress_no	The number of the Congress during which the members served.
chamber	One of 'house' or 'senate'.
state	Limits the list of members by state; two-letter state code (e.g., CA).
district	Limits the list of members by district (House only). If you specify a district, you must also specify a state. If the district number you specify is higher than the total number of districts for that state, a 404 response will be returned.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of members of a particular chamber in a particular Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_memberslist(congress_no = 112, chamber = 'senate', state = "TX")
cg_memberslist(112, 'senate', 'NH')
cg_memberslist(110, 'senate', 'NH')

## End(Not run)
```

cg_membersponsorcompare

Compare bill sponsorship between two members who served in the same Congress and chamber.

Description

Compare bill sponsorship between two members who served in the same Congress and chamber.

Usage

```
cg_membersponsorcompare(memberid_1 = NULL, memberid_2 = NULL,
    congress_no = NULL, chamber = NULL, key = NULL, ...)
```

Arguments

memberid_1	The member's unique ID number (alphanumeric). To find a member's ID number, get the list of members for the appropriate House or Senate. You can also use the Biographical Directory of the United States Congress to get a member's ID. In search results, each member's name is linked to a record by index ID (e.g., http://bioguide.congress.gov/scripts/biodisplay.pl?index=C001041). Use the index ID as member-id in your request.
memberid_2	See description for memberid_1.
congress_no	The number of the Congress during which the members served.
chamber	One of 'house' or 'senate'.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

Compare bill sponsorship between two members who served in the same Congress and chamber.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_membersponsorcompare(memberid_1 = 'S001181', memberid_2 = 'A000368',
  congress_no = 112, chamber = 'senate')

## End(Not run)
```

cg_membervotecompare *Get a list of members who have left the Senate or House or have announced plans to do so.*

Description

Get a list of members who have left the Senate or House or have announced plans to do so.

Usage

```
cg_membervotecompare(memberid_1 = NULL, memberid_2 = NULL,
  congress_no = NULL, chamber = NULL, key = NULL, ...)
```

Arguments

memberid_1, memberid_2	The member's unique ID number (alphanumeric). To find a member's ID number, get the list of members for the appropriate House or Senate. You can also use the Biographical Directory of the United States Congress to get a member's ID. In search results, each member's name is linked to a record by index ID (e.g., http://bioguide.congress.gov/scripts/biodisplay.pl?index=C001041). Use the index ID as member-id in your request.
congress_no	The number of the Congress during which the members served.
chamber	One of 'house' or 'senate'.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of new members of the current Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotepositions](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_membervotecompare(memberid_1 = 'S001181', memberid_2 = 'A000368',
  congress_no = 112, chamber = 'senate')

## End(Not run)
```

cg_membervotepositions

Get a list of members who have left the Senate or House or have announced plans to do so.

Description

Get a list of members who have left the Senate or House or have announced plans to do so.

Usage

```
cg_membervotepositions(memberid = NULL, key = NULL, ...)
```

Arguments

memberid	The member's unique ID number (alphanumeric). To find a member's ID number, get the list of members for the appropriate House or Senate. You can also use the Biographical Directory of the United States Congress to get a member's ID. In search results, each member's name is linked to a record by index ID (e.g., http://bioguide.congress.gov/scripts/biodisplay.pl?index=C001041). Use the index ID as member-id in your request.
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of new members of the current Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_newmembers](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_membervotepositions('S001181')

## End(Not run)
```

cg_newmembers	<i>Get a list of the most recent new members of the current Congress.</i>
---------------	---

Description

Get a list of the most recent new members of the current Congress.

Usage

```
cg_newmembers(key = NULL, ...)
```

Arguments

key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

List of new members of the current Congress.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_rollcallvote](#)

Examples

```
## Not run:
cg_newmembers()

## End(Not run)
```

cg_rollcallvote	<i>Get a specific roll-call vote, including a complete list of member positions.</i>
-----------------	--

Description

Get a specific roll-call vote, including a complete list of member positions.

Usage

```
cg_rollcallvote(congress_no = NULL, chamber = NULL, session_no = NULL,
rollcall_no = NULL, key = NULL, ...)
```

Arguments

congress_no	The number of the Congress during which the members served.
chamber	One of 'house' or 'senate'.
session_no	1, 2, or special session number (For a detailed list of Congressional sessions, see http://www.senate.gov/reference/resources/pdf/congresses2.pdf).
rollcall_no	Integer. To get roll-call numbers, see the official sites of the US Senate (http://www.senate.gov/pagelayout) and US House (http://artandhistory.house.gov/house_history/index.aspx).
key	(character) your Propublica API key; pass in, or loads from .Renviron as PROPUBLICA_API_KEY. See rtimes-package for info on rate limits.
...	Curl options (debugging tools mostly) passed to HttpClient

Value

Get a specific roll-call vote, including a complete list of member positions. A list with metadata about the bill, and vote results.

References

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

See Also

Other congress: [cg_billscosponsor](#), [cg_memberappear](#), [cg_memberbioroles](#), [cg_memberbystatedistrict](#), [cg_membersleaving](#), [cg_memberslist](#), [cg_membersponsorcompare](#), [cg_membervotecompare](#), [cg_membervotepositions](#), [cg_newmembers](#)

Examples

```
## Not run:
cg_rollcallvote(congress_no = 105, chamber = 'house', session_no = 2,
rollcall_no = 38)

## End(Not run)
```

geo_search *Geographic search NYTimes API*

Description

Geographic search NYTimes API

Usage

```
geo_search(name = NULL, latitude = NULL, longitude = NULL,
           elevation = NULL, population = NULL, country_code = NULL,
           country_name = NULL, admin_code1 = NULL, admin_name1 = NULL,
           admin_code2 = NULL, admin_name2 = NULL, admin_code3 = NULL,
           admin_name3 = NULL, admin_code4 = NULL, admin_name4 = NULL,
           feature_class = NULL, feature_class_name = NULL,
           feature_code_name = NULL, time_zone_id = NULL, dst_offset = NULL,
           gmt_offset = NULL, bounding_box = NULL, nearby = NULL, offset = NULL,
           limit = 100, key = NULL, ...)
```

Arguments

name	(character) A displayable name for the specified place.
latitude	(numeric) The latitude of the specified place.
longitude	(numeric) The longitude of the specified place.
elevation	(character) The elevation of the specified place, in meters.
population	(numeric) Te population of the specified place.
country_code	(character) The country code, as given in ISO-3611, of the specified place.
country_name	(character) The country name of the specified place.
admin_code1	(character) A code for the first level administrative division containing the specified place. In the case of US locations this will be the containing state's postal code. All geonames admin_code1 records can be found at http://download.geonames.org/export/dump/a
admin_name1	(character) The name of the first level administrative division containing the specified place. In the case of US locations this will be the full name of the containing State.
admin_code2	(character) A code for the second level administrative division containing the specified place. In the case of US locations this will be a code for the containing county. All geonames admin_code2 records can be found at http://download.geonames.org/export/dump/a
admin_name2	(character) The name of the second level administrative division containing the specified place. In the case of US locations this will be the name of the containing county.
admin_code3	(character) A code for the third level administrative division containing the specified place. This is infrequently used and never used for US locations.
admin_name3	(character) The name of the third level administrative division containing the specified place. This is infrequently used and never used for US locations.

admin_code4	(character) A code for the fourth level administrative division containing the specified place. This is infrequently used and never used for US locations.
admin_name4	(character) The name of the fourth level administrative division containing the specified place. This is infrequently used and never used for US locations.
feature_class	(character) The high-level feature class of the location. The feature classes are as follows: <ul style="list-style-type: none"> • A - Administrative Boundary Features • H - Hydrographic Features • L - Area Features • P - Populated Place Features • R - Road / Railroad Features • S - Spot Features • T - Hypsographic Features • U - Undersea Features • V - Vegetation Features
feature_class_name	(character) See list of name values associated with feature_class above.
feature_code_name	(character) A code for the type of feature represented by this geonames record. The complete list of feature codes can be found at http://download.geonames.org/export/dump/featureCodes.txt
time_zone_id	(character) The time zone containing this geonames record.
dst_offset	(numeric) The offset from GMT during daylight savings time.
gmt_offset	(numeric) The offset from GMT during standard time.
bounding_box	(numeric) Vector of coordinates in the following format <NE Latitude>, <NE Longitude>,<SW Latitude>,<SW Longitude>. For example: c(39.985417852135356,-93.18850617968747,37.84003257271992,-95.94607453906247)
nearby	(numeric) A latitude longitude pair (e.g. 41.9,12.5). When provided with this parameter, the geocodes API will return the 20 results that are geographically nearest to the specified latitude/longitude pair.
offset	(numeric) The offset in the results. BEWARE - this parameter doesn't work now (as of 2014-10-21).
limit	(numeric) If not specified 20 results are returned. Otherwise the specified number of results or a maximum of 20 results are returned. BEWARE - this parameter doesn't work now (as of 2015-08-10).
key	your New York Times API key; pass in, or loads from .Rprofile as nytimes_geo_key, or from .Renviro as NYTIMES_GEO_KEY
...	Curl options (debugging tools mostly) passed to curl::HttpClient

Details

BEWARE: the docs are a hot mess - the README page has examples that include parameters that are not in their list of accepted query parameters. Some query parameter that used to work don't work now. There seems to be no way to get a response from them. So good luck.

References

http://developer.nytimes.com/geo_api_v2.json

Examples

```
## Not run:
geo_search(country_code = 'US')
geo_search(feature_class='P', country_code='US', population='50000_')

# FIXME: these should work, but don't anymore
#geo_search(elevation = '2000_', feature_class='P')
#geo_search(elevation = '_3000', feature_class='P')
#geo_search(elevation = '2000_3000', feature_class='P')
# geo_search(nearby=c(38.920833,-94.622222), population='100000_',
#   feature_class='P')

# curl options
geo_search(country_code = 'US', verbose = TRUE)

## End(Not run)
```

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