Package ‘congress’

October 12, 2022

Title Access the Congress.gov API
Version 0.0.1
Description Download and read data on United States congressional proceedings. Data is read from the Library of Congress's Congress.gov Application Programming Interface (<https://github.com/LibraryOfCongress/api.congress.gov/>). Functions exist for all version 3 endpoints, including for bills, amendments, congresses, summaries, members, reports, communications, nominations, and treaties.
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Encoding UTF-8
RoxygenNote 7.2.1
Depends R (>= 4.1.0)
Imports cli, dplyr, glue, httr2, purrr, rlang, stringr, tibble, tidyr
BugReports https://github.com/christopherkenny/congress/issues
Suggests httptest2, spelling, testthat (>= 3.0.0)
Config/testthat/edition 3
Language en-US
NeedsCompilation no
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Repository CRAN
Date/Publication 2022-10-12 08:02:32 UTC

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`cong_amendment`  
*Request Amendment Information*

**Description**
Request Amendment Information

**Usage**

```r
cong_amendment(
  congress = NULL,
  type = NULL,
  number = NULL,
  item = NULL,
  from_date = NULL,
  to_date = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)
```

**Arguments**

- `congress`: Congress number to search for. 81 or later are supported.
- `type`: Type of amendment. Can be 'hamdt', 'samdt', or 'suamdt'.
- `number`: Amendment assigned number. Numeric.
- `item`: Information to request. Can be 'actions', 'amendments', or 'cosponsors'
- `from_date`: Start date for search, e.g. '2022-04-01'. Defaults to most recent.
- `to_date`: End date for search, e.g. '2022-04-03'. Defaults to most recent.
- `limit`: Number of records to return. Default is 20. Will be truncated to between 1 and 250.
cong_bill

offset number of records to skip. Default is 0. Must be non-negative.
format Output format for clean = FALSE. One of xml or json.
clean Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE.

Examples

# Requires API Key
cong_amendment()
cong_amendment(congress = 117)
cong_amendment(congress = 117, type = 'samdt', number = 2137)
cong_amendment(congress = 117, type = 'samdt', number = 2137, item = 'actions')

cong_bill

Request Bill Information

Description

Request Bill Information

Usage

cong_bill(
    congress = NULL,
    type = NULL,
    number = NULL,
    item = NULL,
    from_date = NULL,
    to_date = NULL,
    limit = 20,
    offset = 0,
    format = "json",
    clean = TRUE
)
Arguments

- **congress**: Congress number to search for. 81 or later are supported.
- **type**: Type of bill. Can be 'hr', 's', 'hjres', 'sjres', 'hconres', 'sconres', 'hres', or 'sres'.
- **number**: Bill assigned number. Numeric.
- **item**: Information to request. Can be 'actions', 'amendments', 'committees', 'cosponsors', 'relatedbills', 'subjects', 'text', or 'titles'.
- **from_date**: Start date for search, e.g. '2022-04-01'. Defaults to most recent.
- **to_date**: End date for search, e.g. '2022-04-03'. Defaults to most recent.
- **limit**: Number of records to return. Default is 20. Will be truncated to between 1 and 250.
- **offset**: Number of records to skip. Default is 0. Must be non-negative.
- **format**: Output format for clean = FALSE. One of xml or json.
- **clean**: Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE

Examples

```r
# Requires API Key
cong_bill()
cong_bill(congress = 117)
cong_bill(congress = 117, type = 'hr', number = 3076)
cong_bill(congress = 117, type = 'hr', number = 3076, item = 'actions')
```

---

**cong_committee**

Request Committee Information

Description

Request Committee Information
**Usage**

```r
cong_committee(
  congress = NULL,
  chamber = NULL,
  committee = NULL,
  item = NULL,
  from_date = NULL,
  to_date = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)
```

**Arguments**

- `congress`: Congress number to search for. 81 or later are supported.
- `chamber`: Chamber name. Can be 'house', 'senate', or 'joint'.
- `committee`: Code identifying committee. Character.
- `item`: Information to request. Can be 'bills', 'reports', or 'nominations'.
- `from_date`: Start date for search, e.g. '2022-04-01'. Defaults to most recent.
- `to_date`: End date for search, e.g. '2022-04-03'. Defaults to most recent.
- `limit`: Number of records to return. Default is 20. Will be truncated to between 1 and 250.
- `offset`: Number of records to skip. Default is 0. Must be non-negative.
- `format`: Output format for `clean = FALSE`. One of xml or json.
- `clean`: Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

**Value**

- tibble or HTTP response if `clean = FALSE`

**Examples**

```r
# Requires API Key
cong_committee()
cong_committee(congress = 117)
cong_committee(chamber = 'house')
cong_committee(congress = 117, chamber = 'house')
cong_committee(chamber = 'house', committee = 'hspw00')
```
cong_committee(chamber = 'senate', committee = 'ssas00', item = 'bills')

Description
Request Committee Report Information

Usage

cong_committee_report(
    congress = NULL,
    type = NULL,
    number = NULL,
    item = NULL,
    conference = FALSE,
    limit = 20,
    offset = 0,
    format = "json",
    clean = TRUE
)

Arguments

congress            Congress number to search for. 81 or later are supported.
type                Type of committee report. Can be 'hrpt', 'srpt', or 'erpt'.
number              Committee report assigned number. Numeric.
item                 Information to request. Can be 'text'.
conference          Filter to conference reports. Default is FALSE.
limit               number of records to return. Default is 20. Will be truncated to between 1 and 250.
offset              number of records to skip. Default is 0. Must be non-negative.
format              Output format for clean = FALSE. One of xml or json.
clean               Default is TRUE. Should output be returned as a tibble if clean = TRUE or requested format.

Value

tibble or HTTP response if clean = FALSE
Examples

# Requires API Key
cong_committee_report()

cong_committee_report(conference = TRUE)

cong_committee_report(congress = 116)

cong_committee_report(congress = 116, type = 'hrpt')

cong_committee_report(congress = 116, type = 'hrpt', number = 617)

cong_communication

Description

Request Communication Information

Usage

cong_communication(
  congress = NULL,
  type = NULL,
  number = NULL,
  from_date = NULL,
  to_date = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)

Arguments

congress: Congress number to search for. 81 or later are supported.
type: Type of communication. Can be 'ec', 'ml', 'pm', or 'pt'.
number: Communication assigned number. Numeric.
from_date: start date for search, e.g. '2022-04-01'. Defaults to most recent.
to_date: end date for search, e.g. '2022-04-03'. Defaults to most recent.
limit: number of records to return. Default is 20. Will be truncated to between 1 and 250.
offset  number of records to skip. Default is 0. Must be non-negative.
format  Output format for clean = FALSE. One of xml or json.
clean  Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE

Examples

# Requires API Key
cong_communication()
cong_communication(congress = 117)
cong_communication(congress = 117, type = 'ec')
cong_communication(congress = 117, type = 'ec', number = 3324)

Description

Request Congress Information

Usage

cong_congress(
  congress = NULL,
  from_date = NULL,
  to_date = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)

Arguments

congress  Congress number to search for. 81 or later are supported.
from_date  start date for search, e.g. '2022-04-01'. Defaults to most recent.
to_date  end date for search, e.g. '2022-04-03'. Defaults to most recent.
cong_member

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>limit</td>
<td>number of records to return. Default is 20. Will be truncated to between 1 and 250.</td>
</tr>
<tr>
<td>offset</td>
<td>number of records to skip. Default is 0. Must be non-negative.</td>
</tr>
<tr>
<td>format</td>
<td>Output format for clean = FALSE. One of xml or json.</td>
</tr>
<tr>
<td>clean</td>
<td>Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.</td>
</tr>
</tbody>
</table>

Value

tibble or HTTP response if clean = FALSE

Examples

# Requires API Key
cong_congress()
cong_congress(congress = 116)

Description

Request Member Information

Usage

cong_member(
  bioguide = NULL,
  item = NULL,
  from_date = NULL,
  to_date = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)
cong_nomination

Arguments

bioguide: Bioguide identifier for a member of Congress.
item: Information to request. Can be 'sponsored-legislation' or 'cosponsored-legislation'
from_date: start date for search, e.g. '2022-04-01'. Defaults to most recent.
to_date: end date for search, e.g. '2022-04-03'. Defaults to most recent.
limit: number of records to return. Default is 20. Will be truncated to between 1 and 250.
offset: number of records to skip. Default is 0. Must be non-negative.
format: Output format for clean = FALSE. One of xml or json.
clean: Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE

Examples

# Requires API Key
cong_member()
cong_member(bioguide = 'L000174', clean = FALSE)
cong_member(bioguide = 'L000174', item = 'sponsored-legislation')

cong_nomination

Request Nomination Information

Description

Request Nomination Information

Usage

cong_nomination(
  congress = NULL,
  number = NULL,
  item = NULL,
  from_date = NULL,
  to_date = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)
cong_record

Arguments

congress  Congress number to search for. 81 or later are supported.
number    Nomination assigned number. Numeric.
item      Information to request. Can be 'actions', 'committees', 'hearings' or the ordinal number.
from_date start date for search, e.g. '2022-04-01'. Defaults to most recent.
to_date   end date for search, e.g. '2022-04-03'. Defaults to most recent.
limit     number of records to return. Default is 20. Will be truncated to between 1 and 250.
offset    number of records to skip. Default is 0. Must be non-negative.
format    Output format for clean = FALSE. One of xml or json.
clean     Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE

Examples

# Requires API Key
cong_nomination()
cong_nomination(congress = 117)
cong_nomination(congress = 117, number = 2467)
cong_nomination(congress = 117, number = 2467, item = 'actions')
cong_nomination(congress = 117, number = 2467, item = 1)

---

cong_record  Request Bill Information

Description

Request Bill Information
Usage

cong_record(
    year = NULL,
    month = NULL,
    day = NULL,
    limit = 20,
    offset = 0,
    format = "json",
    clean = TRUE
)

Arguments

year        integer for year
month      integer for month
day     integer for day of month
limit   number of records to return. Default is 20. Will be truncated to between 1 and 250.
offset   number of records to skip. Default is 0. Must be non-negative.
format  Output format for clean = FALSE. One of xml or json.
clean   Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE

Examples

# Requires API Key
cong_record()

cong_record(year = 2022, month = 6, day = 28)

cong_summaries  Request Bill Summary Information

Description

Request Bill Summary Information
Usage

cong_summaries(
    congress = NULL,
    type = NULL,
    from_date = NULL,
    to_date = NULL,
    limit = 20,
    offset = 0,
    format = "json",
    clean = TRUE
)

Arguments

congress Congress number to search for. 81 or later are supported.

type Type of bill. Can be 'hr', 's', 'hjres', 'sjres', 'hconres', 'sconres', 'hres', or 'sres'.

from_date start date for search, e.g. '2022-04-01'. Defaults to most recent.

to_date end date for search, e.g. '2022-04-03'. Defaults to most recent.

limit number of records to return. Default is 20. Will be truncated to between 1 and 250.

offset number of records to skip. Default is 0. Must be non-negative.

format Output format for clean = FALSE. One of xml or json.

clean Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE

Examples

# Requires API Key
cong_summaries()

cong_summaries(congress = 117)

cong_summaries(congress = 117, type = 'hr')
cong_treaty

Request Treaty Information

Description

Request Treaty Information

Usage

cong_treaty(
    congress = NULL,
    number = NULL,
    suffix = NULL,
    item = NULL,
    from_date = NULL,
    to_date = NULL,
    limit = 20,
    offset = 0,
    format = "json",
    clean = TRUE
)

Arguments

- **congress**: Congress number to search for. 81 or later are supported.
- **number**: Treaty assigned number. Numeric.
- **suffix**: Treaty partition letter value. Character.
- **item**: Information to request. Can be 'actions', or 'committees'.
- **from_date**: start date for search, e.g. '2022-04-01'. Defaults to most recent.
- **to_date**: end date for search, e.g. '2022-04-03'. Defaults to most recent.
- **limit**: number of records to return. Default is 20. Will be truncated to between 1 and 250.
- **offset**: number of records to skip. Default is 0. Must be non-negative.
- **format**: Output format for clean = FALSE. One of xml or json.
- **clean**: Default is TRUE. Should output be returned as a tibble (TRUE) or requested format.

Value

tibble or HTTP response if clean = FALSE
Examples

# Requires API Key
cong_treaty()
cong_treaty(congress = 117)
cong_treaty(congress = 117, number = 3)
cong_treaty(congress = 114, number = 13, suffix = 'A')
cong_treaty(congress = 117, number = 3, item = 'actions')
cong_treaty(congress = 114, number = 13, suffix = 'A', item = 'actions')

key 
Check or Get Congress API Key

Description

Check or Get Congress API Key

Usage

has_congress_key()
get_congress_key()

Value

logical if has, key if get

Examples

has_congress_key()
set_congress_key

Add Entry to Renviron

Description

Adds Congress API key to .Renviron.

Usage

set_congress_key(key, overwrite = FALSE, install = FALSE)

Arguments

key Character. API key to add.
overwrite Defaults to FALSE. Boolean. Should existing CONGRESS_KEY in Renviron be overwritten?
install Defaults to FALSE. Boolean. Should this be added '～/.Renviron' file?

Value

key, invisibly

Examples

## Not run:
set_congress_key('1234')

## End(Not run)
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