Package 'congress'

January 9, 2024

Title Access the Congress.gov API

Version 0.0.3

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

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Depends R (>= 4.1.0)

Imports cli, dplyr, glue, httr2, lifecycle, purrr, rlang, stringr,
tibble, tidyr

URL <https://github.com/christopherkenny/congress>,

<https://christophertkenny.com/congress/>

BugReports <https://github.com/christopherkenny/congress/issues>

Suggests httptest2, spelling, testthat (>= 3.0.0), withr

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R **topics documented:**

---

cong_amendment *Request Amendment Information*

Description

Request Amendment Information

Usage

```
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'`. `'text'` is available when congress >= 117.
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_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

```
# 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_bound_record   *Request bound Congressional Record Information*

Description

Request bound Congressional Record Information

Usage

```
cong_bound_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_bound_record()

cong_bound_record(year = 1990)

cong_bound_record(year = 1990, month = 5)
```

```
cong_bound_record(year = 1948, month = 5, day = 19)
```

---

cong_committee   *Request Committee Information*

Description

Request Committee Information

Usage

```
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'`, `'nominations'`, `'house-communication'`, or `'senate-communication'`.
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_committee()

cong_committee(congress = 117)

cong_committee(chamber = 'house')

cong_committee(congress = 117, chamber = 'house')

cong_committee(chamber = 'house', committee = 'hsed10')

cong_committee(chamber = 'house', committee = 'hspw00', item = 'house-communication')

cong_committee(chamber = 'senate', committee = 'jsec03')

cong_committee(chamber = 'senate', committee = 'slpo00', item = 'bills')

cong_committee(chamber = 'senate', committee = 'slpo00', item = 'senate-communication')
```

---

cong_committee_meeting

Request Committee Meeting Information

Description

Request Committee Meeting Information

Usage

```
cong_committee_meeting(
  congress = NULL,
  chamber = 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.

chamber	Chamber name. Can be `'house'`, `'senate'`, or `'nochamber'`.
number	Meeting event identifier. Character (or 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_committee_meeting()

cong_committee_meeting(congress = 118)

cong_committee_meeting(chamber = 'house')

cong_committee_meeting(congress = 118, chamber = 'house')

cong_committee_meeting(congress = 118, chamber = 'house', number = '115538')
```

---

cong_committee_print   *Request Committee Print Information*

Description

Request Committee Print Information

Usage

```
cong_committee_print(
  congress = NULL,
  chamber = 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.
chamber	Chamber name. Can be `'house'`, `'senate'`, or `'nochamber'`.
number	Jacket number for the print. Character (or numeric).
item	Information to request. Can be `'text'`.
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_committee_print()

cong_committee_print(congress = 118)

cong_committee_print(chamber = 'house')

cong_committee_print(congress = 118, chamber = 'house')

cong_committee_print(congress = 117, chamber = 'house', number = '48144')

cong_committee_print(congress = 117, chamber = 'house', number = '48144', item = 'text')
```

---

cong_committee_report *Request Committee Report Information*

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_committee_report(congress = 116, type = 'hrpt', number = 617, item = 'text')
```

---

cong_congress   *Request Congress Information*

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.
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_congress()

cong_congress(congress = 116)
```

---

cong_daily_record   *Request daily Congressional Record Information*

Description

Request daily Congressional Record Information

Usage

```
cong_daily_record(
  volume = NULL,
  issue = NULL,
  item = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)
```

Arguments

volume	Volume of the daily Congressional record. Character (or numeric).
issue	Issue of the daily Congressional record. Character (or numeric).
item	Information to request. Can be 'articles'
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_daily_record()

cong_daily_record(volume = 166)

cong_daily_record(volume = 168, issue = 153)

cong_daily_record(volume = 167, issue = 21, item = 'articles')
```

---

cong_hearing   *Request Hearing Information*

Description

Request Hearing Information

Usage

```
cong_hearing(
  congress = NULL,
  chamber = NULL,
  number = 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 'nochamber'.

number   Jacket number for the hearing. Character (or numeric).

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_hearing()

cong_hearing(congress = 116)

cong_hearing(chamber = 'house')

cong_hearing(congress = 116, chamber = 'house')

cong_hearing(congress = 116, chamber = 'house', number = 41365)
```

---

cong_house_communication

Request House Communication Information

Description

Request House Communication Information

Usage

```
cong_house_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_house_communication()

cong_house_communication(congress = 117)

cong_house_communication(congress = 117, type = 'ec')

cong_house_communication(congress = 117, type = 'ec', number = 3324)
```

---

cong_house_requirement

Request House Requirement data

Description

Request House Requirement data

Usage

```
cong_house_requirement(
  number = NULL,
  item = NULL,
  limit = 20,
  offset = 0,
  format = "json",
  clean = TRUE
)
```

Arguments

`number`	Requirement's assigned number. Numeric.
`item`	Information to request. Can be `'matching-communications'`.
`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_house_requirement()

cong_house_requirement(number = 12478)

cong_house_requirement(number = 8070, 'matching-communications')
```

---

cong_member   *Request Member Information*

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
)
```

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 = TRUE)

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
)
```

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 = 118)

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 Congressional Record Information*

Description

Request Congressional Record 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_request_next   *Request next set of responses*

Description

Request next set of responses

Usage

```
cong_request_next(response, max_req = 1)
```

Arguments

response	A [tibble::tibble](#) from a cong_* function
max_req	A max number of additional requests to make. Default is 1.

Value

a tibble with responses bound by row to new results

Examples

```
# Requires API Key

cong_bill() |>
 cong_request_next()
```

---

cong_senate_communication

Request Senate Communication Information

Description

Request Senate Communication Information

Usage

```
cong_senate_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'`, `'pm'`, or `'pom'`.
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_senate_communication()

cong_senate_communication(congress = 117)

cong_senate_communication(congress = 117, type = 'ec')

cong_senate_communication(congress = 117, type = 'ec', number = 2561)
```

---

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 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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