

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

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

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	<i>Request Amendment Information</i>
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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'
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_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', 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

```
# 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')
```

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_communication *Request Communication Information*

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)
```

cong_congress	<i>Request Congress Information</i>
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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_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 = 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
)
```

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

```
congr_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  
  
congr_record()  
  
congr_record(year = 2022, month = 6, day = 28)
```

congr_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 <code>clean = FALSE</code> . One of <code>xml</code> or <code>json</code> .
clean	Default is <code>TRUE</code> . Should output be returned as a <code>tibble</code> (<code>TRUE</code>) 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	<i>Add Entry to Renviron</i>
------------------	------------------------------

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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