Package ‘hansard’

October 13, 2022

Type  Package
Title  Provides Easy Downloading Capabilities for the UK Parliament API
Version  0.8.0
Maintainer  Evan Odell <evanodell91@gmail.com>
Description  Provides functions to download data from the
             <http://www.data.parliament.uk/> APIs. Because of the structure of the API,
             there is a named function for each type of available data for ease of use,
             as well as some functions designed to retrieve specific pieces of commonly
             used data. Functions for each new API will be added as and when they become
             available.
URL  https://docs.evanodell.com/hansard
BugReports  https://github.com/EvanOdell/hansard/issues
License  MIT + file LICENSE
LazyData  TRUE
Depends  R(>= 3.2.0)
Imports  jsonlite, dplyr, tibble, lubridate, tidyr, snakecase
RoxygenNote  6.1.1
Encoding  UTF-8
Suggests  knitr, rmarkdown, testthat, covr, methods
VignetteBuilder  knitr
NeedsCompilation  no
Author  Evan Odell [aut, cre] (<https://orcid.org/0000-0003-1845-808X>)
Repository  CRAN
Date/Publication  2019-11-13 15:00:02 UTC

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all_answered_questions

All answered parliamentary questions

Description

Imports data on all answered parliamentary questions in the House of Commons and/or in the House of Lords. The mp_id, tabling_mp_id and answering_body parameters accept a single ID or department names, or a list of IDs or department names, respectively.

This is the most flexible of the various functions that look up questions, as it queries all types of questions in both houses with a wide selection of parameters: The member who asks the question, the member who answers it and the relevant department can all be used to query the API. mp_id, tabling_mp_id and answering_body all accept lists of multiple relevant search parameters. This can be in the form of a list, a data.frame column, a character vector, etc.

Usage

```r
all_answered_questions(mp_id = NULL, tabling_mp_id = NULL,
                   house = NULL, answering_body = NULL, start_date = "1900-01-01",
                   end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
                   tidy_style = "snake", verbose = TRUE)
```

```r
hansard_all_answered_questions(mp_id = NULL, tabling_mp_id = NULL,
                   house = NULL, answering_body = NULL, start_date = "1900-01-01",
                   end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
                   tidy_style = "snake", verbose = TRUE)
```

Arguments

- **mp_id**
  - Accepts a member ID or vector of member IDs, and returns a tibble with all available questions answered by that member. Includes both oral and written questions, and includes members of the House of Commons and the House of Lords. If NULL, returns a tibble with all available answered questions, subject to other parameters. Defaults to NULL.

- **tabling_mp_id**
  - Accepts a member ID or vector of member IDs, and returns a tibble with all available questions asked by that member, subject to all other parameters. Includes both oral and written questions, and includes members of the House of Commons and the House of Lords. If NULL, returns a tibble with all available answered questions, subject to other parameters. Defaults to NULL.

- **house**
  - The house to return questions from. Accepts either the short name of the legislature (e.g. 'commons' or 'lords') or the ID of the legislature (1 for the House of Commons, 2 for the House of Lords). The short names are not case sensitive. If NULL, returns answers from both houses, subject to other parameters. Defaults to NULL.
**all_answered_questions**

**answering_body**  The name of the government department that answers the question, or a vector of government department names. Accepts either the short name name of a department (e.g. 'Education' for the Department for Education, 'Digital, Culture, Media and Sport' for the Department for Digital, Culture, Media and Sport), or the ID of a particular department (e.g. 60 for the Department for Education). If NULL, returns answers from all departments, subject to other parameters. Defaults to NULL.

**start_date**  The earliest date to include in the tibble. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

**end_date**  The latest date to include in the tibble. Defaults to '1900-01-01'. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

**extra_args**  Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

**tidy**  Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

**tidy_style**  The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

**verbose**  If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

---

**Value**

A tibble with details on all answered questions in the House of Commons and the House of Lords.

**See Also**

- commons_answered_questions()
- commons_oral_questions()
- commons_oral_question_times()
- commons_written_questions()
- lords_written_questions()
- mp_questions()

**Examples**

```r
## Not run:
# All questions answered by Nicola Blackwood from 1 January 2017 onwards
x <- all_answered_questions(4019, start_date = "2017-01-01")

# All questions answered by Nicola Blackwood from 1 January 2017 onwards
# returns variables in camelCase style
```
y <- all_answered_questions(4019,
  start_date = "2017-01-01",
  tidy_style = "small_camel"
)

# All questions asked by Andrew Dismore from 1 January 2017 onwards
z <- hansard_all_answered_questions(
  tabling_mp_id = 179,
  start_date = "2017-01-01"
)

# Return all questions asked in the House of Lords
# answered by the Department for Education.
a <- hansard_all_answered_questions(house = "lords", answering_body = 60)

# Returns all questions asked in the House of Lords
# answered by the Department for Education.
b <- hansard_all_answered_questions(house = 2, answering_body = "Education")

# Accepts multiple inputs for mp_id, tabling_mp_id and answering_body
w <- hansard_all_answered_questions(
  mp_id = c(4019, 3980),
  tabling_mp_id = c(338, 172),
  answering_body = c("health", "justice"),
  start_date = "2016-12-18",
  end_date = "2017-03-12"
)

## End(Not run)

---

**bills**

*Bill data*

**Description**

Imports data on House of Commons and House of Lords bills.

**Usage**

```r
bills(ID = NULL, amendments = FALSE, start_date = "1900-01-01",
      end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
      tidy_style = "snake", verbose = TRUE)
```

```r
hansard_bills(ID = NULL, amendments = FALSE,
               start_date = "1900-01-01", end_date = Sys.Date(),
               extra_args = NULL, tidy = TRUE, tidy_style = "snake",
               verbose = TRUE)
```
bills

Arguments

ID  The ID of a given bill to return data on. If NULL, returns all bills, subject to other parameters. Defaults to NULL.

amendments  If TRUE, returns all bills with amendments, subject to other parameters. Defaults to FALSE.

start_date  Only includes bills introduced on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

date  Only includes bills introduced on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args  Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy  Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style  The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose  If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on bills before the House of Lords and the House of Commons.

See Also

bill_stage_types()
bill_publications()

Examples

## Not run:
# Download data on all bills
x <- bills()

# Download data on all bill amendments
x <- bills(amendments = TRUE)

# Download data on a specific bill
x <- bills(1719)

# Download data on all bills introduced after a given date
x <- bills(start_date = "2016-01-01")
**bill_publications**  

## End(Not run)

---

**bill_publications**  

### Bill Publications

**Description**

Returns details of all publications associated with a specific bill or all bills.

**Usage**

```r
bill_publications(ID = NULL, publication_type = NULL,  
                  start_date = "1900-01-01", end_date = Sys.Date(),  
                  extra_args = NULL, tidy = TRUE, tidy_style = "snake",  
                  verbose = FALSE)
```

```r
hansard_bill_publications(ID = NULL, publication_type = NULL,  
                           start_date = "1900-01-01", end_date = Sys.Date(),  
                           extra_args = NULL, tidy = TRUE, tidy_style = "snake",  
                           verbose = FALSE)
```

**Arguments**

- **ID**  
The ID of a specific bill to return publications for. If NULL, returns all bill publications subject to other parameters. Defaults to NULL.

- **publication_type**  
The type of bill publication to return, in the form of a string. For a character vector of bill publication types, see `bill_publication_types()`. If NULL, returns all publications of all types, subject to other parameters. Defaults to NULL.

- **start_date**  
Only includes bill publications on or after this date. Accepts character values in ‘YYYY-MM-DD’ format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else that can be coerced to a date with `as.Date()`. Defaults to '1900-01-01'.

- **end_date**  
Only includes bill publications on or before this date. Accepts character values in ‘YYYY-MM-DD’ format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else that can be coerced to a date with `as.Date()`. Defaults to the current system date.

- **extra_args**  
Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

- **tidy**  
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
tidy_style: The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose: If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value
A tibble with details on bill publications.

See Also
bill_stage_types()
bills()
bill_publication_types()

Examples
## Not run:
# Requesting a specific publication
x <- bill_publications(ID = 752025)

# Requesting all publications after a given date
y <- bill_publications(start_date = "2018-01-01")

## End(Not run)

---

bill_publication_types

A character vector of possible types of bill publications. For use with bill_publications()

Description
A character vector of possible types of bill publications. For use with bill_publications()

Usage
bill_publication_types

Format
A character vector containing 38 elements

See Also
bill_publications()
bills()
bill_stage_types()
bill_stage_types

**Description**

Returns a tibble with all possible bill stage types.

**Usage**

```r
bill_stage_types(tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

```r
hansard_bill_stage_types(tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

**Arguments**

- `tidy` Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- `tidy_style` The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by `to_any_case`. Defaults to 'snake'.
- `verbose` If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

**Value**

A tibble of bill stage types.

**See Also**

- `bills()`
- `bill_publications()`

**Examples**

```r
## Not run:
x <- bill_stage_types()
## End(Not run)
```
commons_answered_questions

House of Commons answered questions

Description
Imports data on House of Commons answered questions. If all parameters are left empty, imports all available answered questions in a tibble.

If answering_department and/or answered_by are given a vector with multiple departments/IDs, all possible combination of those criteria are returned.

Usage
commons_answered_questions(answering_department = NULL, answered_by = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_commons_answered_questions(answering_department = NULL, answered_by = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

Arguments
answering_department
Accepts the name of a department or a list of department names. Returns a tibble with all answered questions in the House of Commons from the given department. Defaults to NULL.

answered_by
Accepts the ID of an MP, or a list of IDs. Returns a tibble with all answered questions in the House of Commons by the given MP(s). Defaults to NULL.

start_date
Only includes questions answered introduced on or after this date. Accepts character values in "YYYY-MM-DD" format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

end_date
Only includes questions answered on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args
Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
tidy_style  The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose  If TRUE, display messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on all answered questions in the House of Commons.

See Also

all_answered_questions()
commons_oral_questions()
commons_oral_question_times()
commons_written_questions()
lords_written_questions()
mp_questions()

Examples

## Not run:
x <- commons_answered_questions(
  answering_department = c("health", "education"),
  answered_by = c("4019", "1542", "111"),
  start_date = "2017-01-01"
)

y <- commons_answered_questions(
  start_date = "2017-03-26",
  end_date = "2017-04-01"
)

## End(Not run)
Usage

```r
commons_divisions(division_id = NULL, division_uin = NULL, 
summary = FALSE, start_date = "1900-01-01", end_date = Sys.Date(), 
extra_args = NULL, tidy = TRUE, tidy_style = "snake", 
verbose = TRUE)

hansard_commons_divisions(division_id = NULL, division_uin = NULL, 
summary = FALSE, start_date = "1900-01-01", end_date = Sys.Date(), 
extra_args = NULL, tidy = TRUE, tidy_style = "snake", 
verbose = TRUE)
```

Arguments

- **division_id**: The id of a particular vote. If empty, returns a tibble with information on all commons divisions, subject to all other parameters. Defaults to `NULL`. Only accepts a single division ID at a time, but to return details on a list of division IDs use with `lapply`. The `division_id` takes priority over the `division_uin` parameter.

- **division_uin**: The UIN of a particular vote. If empty, returns a tibble with information on all commons divisions, subject to all other parameters. Defaults to `NULL`. Only accepts a single division UIN at a time, but to return details on a list of division UINs use with `lapply`.

- **summary**: If `TRUE`, returns a small tibble summarising a division outcome. Otherwise returns a tibble with details on how each MP voted. Has no effect if `division_id` is empty. Defaults to `FALSE`.

- **start_date**: Only includes divisions on or after this date. Accepts character values in `YYYY-MM-DD` format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else that can be coerced to a date with `as.Date()`. Defaults to `"1900-01-01"`.

- **end_date**: Only includes divisions on or before this date. Accepts character values in `YYYY-MM-DD` format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else that can be coerced to a date with `as.Date()`. Defaults to the current system date.

- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with `&`. See the API documentation or the package vignette for more details. Defaults to `NULL`.

- **tidy**: Logical parameter. If `TRUE`, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to `TRUE`.

- **tidy_style**: The style to convert variable names to, if `tidy = TRUE`. Accepts any style accepted by `to_any_case`. Defaults to `"snake"`.

- **verbose**: If `TRUE`, displays messages on the console on the progress of the API request. Defaults to `TRUE`.

Value

A tibble with the results of divisions in the House of Commons.
commons_division_date

Examples

```r
## Not run:

## All commons divisions
x <- commons_divisions()

## Vote breakdown of specific commons division
y <- commons_divisions(division_id = 694163, summary = FALSE)

## End(Not run)
```

---

**commons_division_date**  *House of Commons Division Dates*

Description

Returns a tibble with the divisions (votes) in the House of Commons on a given date.

Usage

```r
commons_division_date(date = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_commons_division_date(date = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

Arguments

- **date**: Returns all divisions on a given date. Defaults to `NULL`.
- **extra_args**: Additional parameters to pass to API. Defaults to `NULL`.
- **tidy**: Logical parameter. If `TRUE`, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to `TRUE`.
- **tidy_style**: The style to convert variable names to, if `tidy = TRUE`. Accepts any style accepted by `to_any_case`. Defaults to 'snake'.
- **verbose**: If `TRUE`, displays messages on the console on the progress of the API request. Defaults to `TRUE`.

Value

A tibble with the dates of divisions in the House of Commons.
Examples

```r
## Not run:
# all commons divisions on 19 April 2017
x <- commons_division_date("2017-04-19")

## End(Not run)
```

---

**commons_oral_questions**

*House of Commons Oral Questions*

**Description**

Imports data on House of Commons oral questions, based on the asking MP, the answering department and the date. The `mp_id` and `answering_department` parameters accept a single ID or department names, or a list of IDs or department names, respectively.

**Usage**

```r
commmons_oral_questions(mp_id = NULL, answering_department = NULL,
                        start_date = "1900-01-01", end_date = Sys.Date(),
                        extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                        verbose = TRUE)
```

```r
hansard_commons_oral_questions(mp_id = NULL,
                               answering_department = NULL, start_date = "1900-01-01",
                               end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
                               tidy_style = "snake", verbose = TRUE)
```

**Arguments**

- `mp_id` The ID of a given MP asking an oral question, or a list of MP IDs. Defaults to NULL.
- `answering_department` The name of a department, or a list of departments. Defaults to NULL.
- `start_date` Only includes questions answered on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with `as.Date()`. Defaults to '1900-01-01'.
- `end_date` Only includes questions answered on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with `as.Date()`. Defaults to the current system date.
- `extra_args` Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
tidy        Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
verbose    If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value
A tibble with details on all oral questions in the House of Commons.

See Also
all_answered_questions()
commons_answered_questions()
commons_oral_question_times()
commons_written_questions()
lords_written_questions()
mp_questions()

Examples

## Not run:

# Oral questions from a single MP to a single department
x <- commons_oral_questions(mp_id = 4019, answering_department = "education")

## Questions from multiple MPs and to multiple departments
y <- commons_oral_questions(
  mp_id = c(4019, 4051, 4588),
  answering_department = c("education", "health")
)

## End(Not run)

commons_oral_question_times

Commons oral question times

Description
Imports data on House of Commons oral question times. Query with parameters for the parliamentary session or the question ID. If tidy=TRUE, datetime variables are converted to POSIXct class.
Usage

```r
commmons_oral_question_times(session = NULL, question_id = NULL,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
```

```r
hansard_commons_oral_question_times(session = NULL, question_id = NULL,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
```

Arguments

- `session` Accepts a session in format `yyyy/yy` (e.g. "2016/17") and returns a tibble of all oral question times from that session. Defaults to `NULL`.
- `question_id` Accepts a question time ID, and returns a tibble of that question time.
- `extra_args` Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to `NULL`.
- `tidy` Logical parameter. If `TRUE`, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to `TRUE`.
- `tidy_style` The style to convert variable names to, if `tidy = TRUE`. Accepts any style accepted by `to_any_case`. Defaults to `snake`.
- `verbose` If `TRUE`, displays messages on the console on the progress of the API request. Defaults to `TRUE`.

Value

A tibble with information on oral question times in the House of Commons.

See Also

- `all_answered_questions()`
- `commons_answered_questions()`
- `commons_oral_questions()`
- `commons_written_questions()`
- `lords_written_questions()`
- `mp_questions()`

Examples

```r
## Not run:
x <- commons_oral_question_times(session = "2016/17", question_id = "685697")
```

```r
## End(Not run)
```
commons_terms

Parliamentary Thesaurus

**Description**
Imports the parliamentary thesaurus. The API is rate limited to 5500 requests at a time, so some use of parameters is required.

**Usage**

```r
commmons_terms(search = NULL, class = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

```r
hansard_commons_terms(search = NULL, class = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

**Arguments**

- `search` A string to search the parliamentary thesaurus for.
- `class` The class of definition to be returned. Accepts one of 'ID', 'ORG', 'SIT', 'NAME', 'LEG', 'CTP', 'PBT' and 'TPG'. Defaults to NULL.
- `extra_args` Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
- `tidy` Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- `tidy_style` The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
- `verbose` If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

**Value**
A tibble with results from the parliamentary thesaurus.

**Examples**

```r
## Not run:
x <- commons_terms(search = "estate")

x <- commons_terms(search = "estate", class = "ORG")
```

## End(Not run)
commons_written_questions

House of Commons Written Questions

Description

Imports data in a tibble on House of Commons written questions.

Usage

commons_written_questions(mp_id = NULL, answering_department = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_commons_written_questions(mp_id = NULL, answering_department = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

Arguments

mp_id
Accepts a member ID or a list of member IDs and returns a tibble with all written questions asked by that MP or list of MPs. If NULL, mp_id is not included as a query parameter. Defaults to NULL.

answering_department
Accepts a string with a department name or partial name, or a list of such strings. The query acts as a search, so passing 'health' will return all questions answered by the Department of Health. If NULL, answering_department is not included as a query parameter. Defaults to NULL.

start_date
Only includes questions tabled on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXxct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

end_date
Only includes questions tabled on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXxct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args
Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style
The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
constituencies

verbose

If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on written questions in the House of Commons.

Examples

```r
## Not run:
# Returns a tibble with written questions from Jon Trickett, 
# answered by the Cabinet Office.
x <- commons_written_questions(
  mp_id = 410,
  answering_department = "cabinet office"
)

# Returns a tibble with written questions from Jon Trickett or Diane Abbott, 
# and answered by the Cabinet Office or the Home Office.
x <- commons_written_questions(
  mp_id = c(410, 172),
  answering_department = c("cabinet", "home")
)

## End(Not run)
```

---

**constituencies**

*House of Commons constituencies*

**Description**

Imports data on House of Commons constituencies, returning a tibble of all current and/or former Westminster constituencies, subject to parameters.

**Usage**

```r
constituencies(current = NULL, extra_args = NULL, tidy = TRUE,
  tidy_style = "snake", verbose = TRUE)
```

```r
hansard_constituencies(current = NULL, extra_args = NULL,
  tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

**Arguments**

- `current`  If TRUE, returns only current constituencies. If FALSE, returns only former constituencies. If NULL, returns all current and former constituencies. Defaults to NULL.
**extra_args**  
Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

**tidy**  
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

**tidy_style**  
The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to `snake`.

**verbose**  
If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

---

**Value**

A tibble with details of Westminster constituencies.

**Examples**

```r
## Not run:
x <- constituencies()
y <- constituencies(current = FALSE)
## End(Not run)
```

---

**early_day_motions**  
Early day motion data

**Description**

Return data on the content, signatories, and sponsors of early day motions (EDMS).

**Usage**

```r
early_day_motions(edm_id = NULL, session = NULL,  
start_date = "1900-01-01", end_date = Sys.Date(), signatures = 1,  
extra_args = NULL, tidy = TRUE, tidy_style = "snake",  
verbose = TRUE)
```

```r
hansard_early_day_motions(edm_id = NULL, session = NULL,  
start_date = "1900-01-01", end_date = Sys.Date(), signatures = 1,  
extra_args = NULL, tidy = TRUE, tidy_style = "snake",  
verbose = TRUE)
```
early_day_motions

Arguments

edm_id          Accepts the ID number of an early day motion, and returns data on that motion. If NULL, returns all available Early Day Motions. Note that there, are as of 2017-06-15, 43,330 early day motions on listed in the API, so requesting all early day motions without other parameters is slow and very demanding on the API itself. Defaults to NULL.

session         Accepts a parliamentary session, in 'yyyy/yy' format. Defaults to NULL.

start_date      Only includes early day motions tabled on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

end_date        Only includes early day motions tabled on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

signatures      The minimum number of signatures required for inclusion in the tibble. Defaults to 1.

extra_args      Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy            Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style      The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose         If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Details

Early Day Motion IDs reset for each parliamentary session, so not including a query for session but including an edm_id will return multiple early day motions with the same ID code from different parliamentary sessions.

Value

A tibble with details on the content, signatories and sponsors of all or a specified early day motions.

See Also

mp_edms()

Examples

## Not run:

# Returns all EDMs with a given ID
# elections

x <- early_day_motions(edm_id = 1073)

# Return a specific early day motion by ID
x <- early_day_motions(edm_id = 1073, session = "2017/19")

## End(Not run)

## Description

Imports data on general and by-elections from the 2010 General Election onwards.

If both ID and type are used to query the API, ID takes precedence and type is ignored.

## Usage

```r
elections(ID = NULL, type = NULL, start_date = "1900-01-01",
          end_date = Sys.Date(), label = NULL, extra_args = NULL,
          tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_elections(ID = NULL, type = NULL, start_date = "1900-01-01",
                   end_date = Sys.Date(), label = NULL, extra_args = NULL,
                   tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

## Arguments

- **ID**
  - Accepts an ID for a general or by-election from the 2010 General Election onwards, and returns the date and type of the election. If NULL, returns the date and type of all available elections, subject to other parameters. Defaults to NULL.

- **type**
  - Accepts 'General Election' or 'By-election' as arguments if ID is NULL, and returns all General Elections or all By-elections, as specified, subject to other parameters. Defaults to NULL.

- **start_date**
  - Only includes elections held on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

- **end_date**
  - Only includes elections held on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

- **label**
  - Label of the election. By-elections are in 'dd-mmm-yyyy By-election' format; e.g. '23-Feb-2017 By-election', and general elections use 'YYYY General Election' format. The parameter cannot search, so check your formatting, spelling and make sure there were actually elections with the label specified. If NULL, returns all Elections/By-elections subject to other parameters. Defaults to NULL.
election_candidates

**extra_args**

Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the [API documentation](#) or the package vignette for more details. Defaults to NULL.

**tidy**

Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

**tidy_style**

The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by `to_any_case`. Defaults to `'snake'`.

**verbose**

If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

**Value**

A tibble with details on all elections from the 2010 General Election onwards, subject to function parameters. Includes the election ID, the date, and the type of election(s).

**See Also**

election_results()
election_candidates()

**Examples**

```r
## Not run:
x <- elections(517994)
## End(Not run)
```

---

**election_candidates**  *Election candidate details*

**Description**

Returns the name and party of all candidates standing in an election, for each constituency. Note that for general elections this can return a very large tibble with hundreds of variables.

**Usage**

election_candidates(ID = NULL, constit_details = FALSE,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)

hansard_election_candidates(ID = NULL, constit_details = FALSE,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
election_results

Arguments

ID
Accepts an ID for a general or by-election from the 2010 General Election onwards, and returns the results. If NULL, returns all available election results. Defaults to NULL.

constit_details
If TRUE, returns additional details on each constituency, including its GSS (Government Statistical Service) code. Defaults to FALSE.

extra_args
Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style
The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose
If TRUE, displayes messages on the console on the progress of the API request. Defaults to TRUE.

See Also
elections()
election_results()

Examples

## Not run:
x <- election_candidates(ID = 382037)
y <- election_candidates()
z <- election_candidates(constit_details = TRUE)

## End(Not run)
election_results

Usage

election_results(ID = NULL, all_data = FALSE,
calculate_percent = FALSE, constit_details = FALSE,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)

hansard_election_results(ID = NULL, all_data = FALSE,
calculate_percent = FALSE, constit_details = FALSE,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)

Arguments

ID          Accepts an ID for a general or by-election from the 2010 General Election onwards, and returns the results. If NULL, returns all available election results. Defaults to NULL.

all_data    If TRUE, returns vote share for all parties standing in any constituency in the election/elections returned. Defaults to FALSE. Note that aside from shorthand for the Conservatives, Labour, Liberal Democrat and Independent (Con, Lab, Lib and Ind, respectively) being converted to their full names, party names are not tidied, so will contain spaces in the case of parties with multiple words in their name, such as the Liberal Democrats. If a party did not stand in a constituency its vote count is listed as NA. There is a drawback to using this parameter, as multiple candidates from the same party in a constituency, or multiple independent candidates, have their vote totals combined.

calculate_percent
          If TRUE, calculates the turnout percentage for each constituency in the tibble and the majority of the winning candidate to one decimal place, and includes this information in the tibble in additional columns labelled 'turnout_percentage' and 'majority_percentage'. Defaults to FALSE.

constit_details
          If TRUE, returns additional details on each constituency, including its GSS (Government Statistical Service) code. Defaults to FALSE.

extra_args
          Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy
          Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style
          The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose
          If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.
epetition

Value
A tibble with the results of all general and by-elections, or of a specified general election or by-election.

See Also
- elections()
- election_candidates()

Examples
```r
## Not run:
x <- election_results(ID = 382037)
y <- election_results()
z <- election_results(calculate_percent = TRUE, constit_details = TRUE)
w <- election_results(ID = 730039, all_data = TRUE)
## End(Not run)
```

epetition

Individual epetitions

Description
Imports data on a given epetition. For bulk epetion data, see epetition_tibble().

Usage
epetition(ID = NULL, by_constituency = FALSE, extra_args = NULL,
tidy = TRUE, tidy_style = "snake", verbose = TRUE)
hansard_epetition(ID = NULL, by_constituency = FALSE,
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)

Arguments
- **ID**
The ID of a given petition. If NULL, returns all epetitions. Defaults to NULL. See epetition_tibble() for a greater degree of flexibility when querying all epetitions.

- **by_constituency**
Accepts either TRUE or FALSE. If TRUE, provides a tibble with a breakdown of signatures for each petition, by constituency. Defaults to FALSE.
epetition_tibble

extra_args Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on electronic petitions submitted to parliament.

See Also

epetition_tibble()

Examples

## Not run:
x <- epetition(ID = 706964, by_constituency = TRUE)

## End(Not run)

---

epetition_tibble

Bulk Epetition data

Description

Get data on all epetitions submitted to parliament, with the label, sponsor, number of signatures, date created and epetition ID. For greater detail on individual epetitions, see epetition().

Usage

epetition_tibble(min_signatures = 1, max_signatures = NULL,
                  status = NULL, start_date = "1900-01-01", end_date = Sys.Date(),
                  extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                  verbose = TRUE)

hansard_epetition_tibble(min_signatures = 1, max_signatures = NULL,
                         status = NULL, start_date = "1900-01-01", end_date = Sys.Date(),
                         extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                         verbose = TRUE)
**Arguments**

- **min_signatures**: The minimum number of signatures required for inclusion in the tibble. Defaults to 1.
- **max_signatures**: The maximum number of signatures required for inclusion in the tibble. If NULL, there is no maximum number of signatures. Defaults to NULL.
- **status**: The status of the petition, either 'open' or 'closed'. If NULL, returns all petitions both open and closed. Defaults to NULL.
- **start_date**: Only includes petitions created on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with \texttt{as.Date()}. Defaults to '1900-01-01'.
- **end_date**: Only includes petitions created on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with \texttt{as.Date()}. Defaults to the current system date.
- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with ";&". See the API documentation or the package vignette for more details. Defaults to NULL.
- **tidy**: Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- **tidy_style**: The style to convert variable names to, if \texttt{tidy} = TRUE. Accepts any style accepted by \texttt{to_any_case}. Defaults to 'snake'.
- **verbose**: If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

**Value**

A tibble with details on electronic petitions submitted to parliament.

**See Also**

- \texttt{epetition()}

**Examples**

```r
## Not run:
x <- epetition_tibble()

y <- epetition_tibble(max_signatures = 500)

z <- epetition_tibble(start_date = "2016-12-01", end_date = "2017-04-25")

## End(Not run)
```
**hansard**

**hansard: Provides Easy Downloading Capabilities for the UK Parliament API**

**Description**

Provides functions to request data from the data.parliament.uk APIs. Because of the structure of the data.parliament.uk API, there is a named function for each type of available data for ease of use. Functions for each new API will be added as and when they become available on <data.parliament.uk>. The API is rate limited to returning 5500 rows per request in some instances, though this has been inconsistent in testing.

**Details**

The API itself is still in beta, and only about half of the planned datasets are currently available. The package name is optimistic, as the actual contents of the Hansard are not yet available through this API.

In addition to the standard function names, each function in the hansard package has a wrapper where the name is prefixed with 'hansard_'. For example, both bills() and hansard_bills() will return the same result. This is because function names are taken from the specific API on http://explore.data.parliament.uk/, but they are often not very informative and could clash with functions in other packages (e.g. bills() is not a term unique to the British parliament).

For more details please see the vignette, or the API documentation on http://explore.data.parliament.uk/.

This package is in no way officially related to or endorsed by the UK Parliamentary Data Service.

---

**lords_amendments**

**House of Lords Amendments.**

**Description**

Returns a tibble with all available House of Lords amendments, subject to parameters.

**Usage**

```r
lords_amendments(decision = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

```r
hansard_lords_amendments(decision = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```
Arguments

decision  The decision on the amendments. Accepts one of 'Withdrawn', 'Agreed', 'Disagreed', 'Pending', 'NotMoved', 'Disposed'. This parameter is not case sensitive. Defaults to NULL.

start_date  Only includes amendments to bills introduced on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

decision  Only includes amendments to bills introduced on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args  Additional parameters and queries to pass to API. These queries must be strings and start with '&'. See the API documentation or the package vignette for more details. Defaults to NULL.

tidy  Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style  The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose  If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on amendments proposed by the House of Lords.

Examples

## Not run:
x <- lords_amendments()

x <- lords_amendments(decision = "Withdrawn")

## End(Not run)

---

lords_amendments  Defunct parameters for hansard package

Description

Defunct parameters for hansard package

Usage

lords_amendments()
lords_attendance

House of Lords attendance - Deprecated Deprecated function, please see lords_attendance_date() and lords_attendance_session()

Description

Imports data on House of Lords attendance. Please note that the attendance data is not as tidy as some of the others that are accessible through this API, and so additional work to prepare this data in a way that you want may be required.

Usage

lords_attendance(session_id = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_lords_attendance(session_id = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

Arguments

session_id The ID of the House of Lords session. If NULL, returns a list of all sessions, subject to other parameters. Defaults to NULL.

start_date Only includes attendance on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

end_date Only includes attendance on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.
lords_attendance_date

Value

A tibble with details on the lords who attended a given session.

Examples

```r
# Not run:
x <- lords_attendance(session_id = 706178)

# End(Not run)
```

lords_attendance_date  House of Lords attendance by date

Description

Imports data on House of Lords attendance on a given date.

Usage

```r
lords_attendance_date(date = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
hansard_lords_attendance_date(date = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

Arguments

- `date` Accepts a date to return attendance data for. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with `as.Date()`. Defaults to `NULL`.
- `tidy` Logical parameter. If `TRUE`, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to `TRUE`.
- `tidy_style` The style to convert variable names to, if `tidy = TRUE`. Accepts any style accepted by `to_any_case`. Defaults to 'snake'.
- `verbose` If `TRUE`, displays messages on the console on the progress of the API request. Defaults to `TRUE`.

Details

Please note that House of Lords attendance data is not as tidy as some of the others that are accessible through this API, and so additional work on the return from the API may be required.

Also note that this API does not appear to have been updated with data after 2017-01-31.

Value

A tibble with details on the lords who attended on a given date.
See Also

`lords_attendance_session()`

Examples

```r
## Not run:
x <- lords_attendance_date(date = "2016-03-01")
## End(Not run)
```

### Description

Imports data on House of Lords attendance from each parliamentary session. Please note that the attendance data is not as tidy as some of the others that are accessible through this API, and so additional work to prepare this data in a way that you want may be required.

### Usage

```r
lords_attendance_session(session_id = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

```r
hansard_lords_attendance_session(session_id = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

### Arguments

- **session_id**: The ID of the House of Lords session. If NULL, returns a list of all sessions, subject to other parameters. Defaults to NULL.
- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with ";&". See the API documentation or the package vignette for more details. Defaults to NULL.
- **tidy**: Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- **tidy_style**: The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by `to_any_case`. Defaults to 'snake'.
- **verbose**: If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.
Details

To return a tibble with all codes from available individual sessions, use `lords_attendance_session(session_id=NULL)`, or use `lords_sessions()` to retrieve codes for a given date range. Attendance from multiple sessions can be accessed by using `lapply` with the output from `lords_sessions()`.

Please note that House of Lords attendance data is not as tidy as some of the others that are accessible through this API, and so additional work on the return from the API may be required.

Also note that this API does not appear to have been updated with data after 2017-01-31.

Value

A tibble with details on the lords who attended a given session.

See Also

`lords_attendance_date()`
`lords_sessions()`

Examples

```r
## Not run:
x <- lords_attendance_session(session_id = 706178)

# Returns a list of data frames with details of attendance for each day of a given vector of sessions.
u <- lords_sessions(start_date = "2017-01-01")
m <- lapply(u$about, lords_attendance_session)

## End(Not run)
```

---

### lords_divisions

#### House of Lords divisions

Description

Imports data on House of Lords divisions. Either a general query subject to parameters, or the results of a specific division. Individual divisions can be queried to return a short summary of the votes, or details on how each peer voted.

Usage

```r
lords_divisions(dvision_id = NULL, summary = FALSE,
               start_date = "1900-01-01", end_date = Sys.Date(),
               extra_args = NULL, tidy = TRUE, tidy_style = "snake",
               verbose = TRUE)
```

```r
hansard_lords_divisions(dvision_id = NULL, summary = FALSE,
                        start_date = "1900-01-01", end_date = Sys.Date(),
                        extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                        verbose = TRUE)
```
lords_divisions

start_date = "1900-01-01", end_date = Sys.Date(),
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)

Arguments

division_id  The id of a particular vote. If empty, returns a tibble with information on all lords divisions. Defaults to NULL.

summary  If TRUE, returns a small tibble summarising a division outcome. Otherwise returns a tibble with details on how each peer voted. Has no effect if division_id is empty. Defaults to FALSE.

start_date  Only includes divisions on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

date  Only includes divisions on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args  Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

_tidy  Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style  The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose  If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with the results of divisions in the House of Lords.

Examples

## Not run:
x <- lords_divisions(division_id = 705891, summary = TRUE)
x <- lords_divisions(division_id = 705891, summary = FALSE)

# Return all lords divisions in 2016
x <- lords_divisions(NULL, FALSE, 
  start_date = "2016-01-01",
  end_date = "2016-12-31"
)

## End(Not run)
`lords_interests`  
*Peers’ registered interests*

**Description**

Registered financial interests of members of the House of Lords. If `peer_id=NULL` the actual details of registered interests are stored in a nested data frame.

**Usage**

```r
lords_interests(peer_id = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

hansard_lords_interests(peer_id = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

**Arguments**

- **peer_id**  
The ID of a member of the House of lords. If NULL, returns a tibble with all listed financial interests for all members. Defaults to NULL.

- **extra_args**  
Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the [API documentation](#) or the package vignette for more details. Defaults to NULL.

- **tidy**  
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

- **tidy_style**  
The style to convert variable names to, if `tidy = TRUE`. Accepts any style accepted by `to_any_case`. Defaults to `snake`.

- **verbose**  
If TRUE, displayes messages on the console on the progress of the API request. Defaults to TRUE.

**Value**

A tibble with details on the interests of peers in the House of Lords.

**Examples**

```r
# Not run:
x <- lords_interests(4170)

y <- lords_interests()

# End(Not run)
```
Description

Returns the session code and other basic details for individual House of Lords sittings. Note that this API does not appear to have been updated with data after 2017-01-31.

Usage

```r
lords_sessions(start_date = "1900-01-01", end_date = Sys.Date(),
tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

```r
hansard_lords_sessions(start_date = "1900-01-01",
end_date = Sys.Date(), tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
```

Arguments

- **start_date**: Only includes sessions starting on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.
- **end_date**: Only includes sessions ending on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.
- **tidy**: Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- **tidy_style**: The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
- **verbose**: If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

See Also

- `lords_attendance_session()`
- `sessions_info()`

Examples

```r
## Not run:

a <- lords_sessions(start_date = "2017-01-01", end_date = "2017-01-31")
```
lords_written_questions

House of Lords written questions

Description
Imports data on House of Lords written questions asked by a given peer(s), and/or directed to a given department.

Usage
lords_written_questions(peer_id = NULL, answering_department = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
hansard_lords_written_questions(peer_id = NULL, answering_department = NULL, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

Arguments
peer_id Accepts a member ID or list of IDs, and returns a tibble with all written questions asked by that member or members. If NULL, peer_id is not included in the query to the API and so all written questions are returned subject to other function parameters. Defaults to NULL.
answering_department Accepts a string with a department name or partial name or a list of departmental names, and returns all written questions by that department. The query acts as a search, so entering 'health' will return all questions answered by the Department of Health. If NULL, answering_department is not included as a query parameter. Defaults to NULL.
start_date Only includes questions tabled on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.
end_date Only includes questions tabled on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.
extra_args Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
lord_vote_record

Voting record of members of the House of Lords

Description

Accepts an ID number for a member of the House of Commons, and returns a tibble of their votes.

tidy Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on written questions in the House of Lords.

See Also

all_answered_questions()
commons_answered_questions()
commons_oral_questions()
commons_oral_question_times()
commons_written_questions()
mp_questions()

Examples

## Not run:
x <- lords_written_questions() # Returns all written questions ever

x <- lords_written_questions(
  peer_id = c(3526, 4176),
  answering_department = c("cabinet", "Transport")
)

## End(Not run)
Usage

```r
lord_vote_record(peer_id = NULL, lobby = "all",
                start_date = "1900-01-01", end_date = Sys.Date(),
                extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                verbose = TRUE)
```

```r
hansard_lord_vote_record(peer_id = NULL, lobby = "all",
                          start_date = "1900-01-01", end_date = Sys.Date(),
                          extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                          verbose = TRUE)
```

Arguments

- **peer_id**: The ID number of a member of the House of Lords. A value must be included for this parameter. Use the `lords_members()` to find IDs for members of the House of Lords. Defaults to `NULL`.

- **lobby**: Accepts one of 'all', 'content', 'notcontent'. 'content' returns votes where the peer voted 'Content', 'notcontent' returns votes where the peer voted 'Not Content' and 'all' returns all available votes by the peer. This parameter is not case sensitive. Defaults to 'all'.

- **start_date**: Only includes divisions on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else that can be coerced to a date with `as.Date()`. Defaults to '1900-01-01'.

- **end_date**: Only includes divisions on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else that can be coerced to a date with `as.Date()`. Defaults to the current system date.

- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to `NULL`.

- **tidy**: Logical parameter. If `TRUE`, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to `TRUE`.

- **tidy_style**: The style to convert variable names to, if `tidy = TRUE`. Accepts any style accepted by `to_any_case`. Defaults to 'snake'.

- **verbose**: If `TRUE`, displays messages on the console on the progress of the API request. Defaults to `TRUE`.

Value

A tibble with details on the voting record of a member of the House of Lords.

Examples

```r
## Not run:
x <- lord_vote_record(530, lobby = "all")
```
members

Members of both houses

Description

Imports basic details on current and former Members of Parliament including the Lords and the Commons. For more details on a given member see mnis_full_biot from the mnis package.

Usage

members(ID = NULL, extra_args = NULL, tidy = TRUE,
         tidy_style = "snake", verbose = TRUE)

hansard_members(ID = NULL, extra_args = NULL, tidy = TRUE,
                 tidy_style = "snake", verbose = TRUE)

commons_members(extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                 verbose = TRUE)

hansard_commons_members(extra_args = NULL, tidy = TRUE,
                         tidy_style = "snake", verbose = TRUE)

lords_members(extra_args = NULL, tidy = TRUE, tidy_style = "snake",
              verbose = TRUE)

hansard_lords_members(extra_args = NULL, tidy = TRUE,
                      tidy_style = "snake", verbose = TRUE)

Arguments

ID        The ID of a member of the House of Commons or the House of Lords to return data on. If NULL, returns a tibble of all members of both houses. Defaults to NULL.
extra_args Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
tidy Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with data on members of the House of Commons (commons_members()), the House of Lords, (lords_members()), or both (members()).

Member details functions

members Basic details on a given member from either house
commens_members MPs in the House of Commons
lords_members Peers in the House of Lords

See Also

members_search()

Examples

## Not run:
a <- members()
x <- members(172)
y <- commons_members()
z <- lords_members()
## End(Not run)

members_search Search for an MP or Peer by name and constituency

Description

Note that there are problems with the remote endpoint for this API, and that correct search queries may not return any results.
members_search

Usage

members_search(search = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
hansard_members_search(search = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

Arguments

search
Accepts any lucene query string, using * as a multiple character wildcard, and ? as the single character wildcard. Searches are not case sensitive. If NULL, returns a tibble with all members of both houses of parliament. Defaults to NULL.
tidy
Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
tidy_style
The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
verbose
If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Details

Function searches for the string and returns a tibble with all matches from both houses of parliament. Returns all partial matches in the members’ names, constituencies, twitter handle and webpage. The default search is NULL, which returns a tibble of all members of both houses, the same result as members().

Value

A tibble with the results of the search.

See Also

members()

Examples

## Not run:
x <- members_search("*chris*")

x <- members_search(search = "*chris*")

## End(Not run)
Early Day Motions by MP or Peer

Description

Imports data on early day motions signed, sponsored or primarily sponsored by a given MP or Peer.

Usage

```r
mp_edms(mp_id = NULL, primary_sponsor = TRUE, sponsor = TRUE, signatory = TRUE, full_data = FALSE, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_mp_edms(mp_id = NULL, primary_sponsor = TRUE, sponsor = TRUE, signatory = TRUE, full_data = FALSE, start_date = "1900-01-01", end_date = Sys.Date(), extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

Arguments

- **mp_id**: The ID number of an MP or Peer. Required parameter. Defaults to NULL. Accepts single IDs in numerical or character format, or a list, data.frame column, etc. If given multiple IDs, the results are combined into a single tibble.
- **primary_sponsor**: Includes all early day motions where the given member is the primary sponsor in the tibble. Defaults to TRUE.
- **sponsor**: Includes all early day motions where the given member a sponsor (but not the primary sponsor) in the tibble. Defaults to TRUE.
- **signatory**: Includes all early day motions signed (but not sponsored or primarily sponsored) by the given member in the tibble. Defaults to TRUE.
- **full_data**: If TRUE, returns all available data on the EDMs signed or sponsored by a member. Defaults to FALSE. Note that this can be a very slow process compared to other hansard functions.
- **start_date**: Only includes early day motions signed on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.
- **end_date**: Only includes early day motions signed on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.
- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
mp_questions

**tidy**
Logical parameter. If **TRUE**, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to **TRUE**.

**tidy_style**
The style to convert variable names to, if tidy = **TRUE**. Accepts any style accepted by *to_any_case*. Defaults to 'snake'.

**verbose**
If **TRUE**, displays messages on the console on the progress of the API request. Defaults to **TRUE**.

**Value**
A tibble with information on the tibbles signed, sponsored and/or primarily sponsored by the given MP.

**See Also**

*early_day_motions()*

**Examples**

```r
## Not run:

# All EDMs primarily sponsored, sponsored or signed by Mike Crockart
x <- mp_edms(
  mp_id = 3967, primary_sponsor = TRUE,
  sponsor = TRUE, signatory = TRUE
)

# Detailed data on all EDMs primarily sponsored by Mike Crockart
y <- mp_edms(
  mp_id = 3967, primary_sponsor = TRUE,
  sponsor = TRUE, signatory = FALSE, full_data = TRUE
)

## End(Not run)
```

---

**mp_questions**

*Questions asked by a given MP or MPs*

**Description**

Accepts an ID number for a member of the House of Commons, and returns a tibble of all their oral and written questions.
**mp_questions**

Usage

```r
mp_questions(mp_id = NULL, question_type = "all",
start_date = "1900-01-01", end_date = Sys.Date(),
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
```

```r
hansard_mp_questions(mp_id = NULL, question_type = "all",
start_date = "1900-01-01", end_date = Sys.Date(),
extra_args = NULL, tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
```

Arguments

- **mp_id**
  - The ID number of a member of the House of Commons, or a vector of IDs. Defaults to `NULL`.
- **question_type**
  - Accepts the arguments 'all', 'oral' and 'written'. This parameter is not case sensitive. Defaults to 'all'.
- **start_date**
  - Only includes questions answered on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXt` or anything else that can be coerced to a date with `as.Date()`. Defaults to '1900-01-01'.
- **end_date**
  - Only includes questions answered on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXt` or anything else that can be coerced to a date with `as.Date()`. Defaults to the current system date.
- **extra_args**
  - Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to `NULL`.
- **tidy**
  - Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- **tidy_style**
  - The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by `to_any_case`. Defaults to 'snake'.
- **verbose**
  - If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on all questions asked by a member of the House of Commons.

See Also

- `all_answered_questions()`
- `commons_answered_questions()`
- `commons_oral_questions()`
- `commons_oral_question_times()`
### Examples

```r
## Not run:
x <- mp_questions(c(172, 3967), "all")
y <- mp_questions(mp_id = 172, question_type = "all")
z <- mp_questions(c(172, 3967), "written")
## End(Not run)
```

---

### mp_vote_record

**Individual MP voting records**

**Description**

Accepts an ID number for a member of the House of Commons, and returns a tibble of their votes.

**Usage**

```r
mp_vote_record(mp_id = NULL, lobby = "all", session = NULL,
               start_date = "1900-01-01", end_date = Sys.Date(),
               extra_args = NULL, tidy = TRUE, tidy_style = "snake",
               verbose = TRUE)
```

```r
hansard_mp_vote_record(mp_id = NULL, lobby = "all", session = NULL,
                       start_date = "1900-01-01", end_date = Sys.Date(),
                       extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                       verbose = TRUE)
```

**Arguments**

- **mp_id**
  - The ID number of a member of the House of Commons.
- **lobby**
  - Accepts one of ‘all’, ‘aye’ or ‘no’. ‘aye’ returns votes where the MP voted ‘aye’, ‘no’ returns votes where the MP voted ‘no’, ‘all’ returns all available votes by the MP. This parameter is not case sensitive. Defaults to ‘all’.
- **session**
  - The parliamentary session to return votes from, in ‘YYYY/YY’ format. Defaults to NULL.
- **start_date**
  - Only includes divisions on or after this date. Accepts character values in ‘YYYY-MM-DD’ format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to ’1900-01-01’.
### papers_laid

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>end_date</strong></td>
<td>Only includes divisions on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with \texttt{as.Date()}. Defaults to the current system date.</td>
</tr>
<tr>
<td><strong>extra_args</strong></td>
<td>Additional parameters and queries to pass to API. These queries must be strings and start with &quot;&amp;&quot;. See the API documentation or the package vignette for more details. Defaults to NULL.</td>
</tr>
<tr>
<td><strong>tidy</strong></td>
<td>Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.</td>
</tr>
<tr>
<td><strong>tidy_style</strong></td>
<td>The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by \texttt{to_any_case}. Defaults to 'snake'.</td>
</tr>
<tr>
<td><strong>verbose</strong></td>
<td>If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.</td>
</tr>
</tbody>
</table>

#### Value

A tibble with details on the voting record of the given MP.

#### Examples

```r
## Not run:
x <- mp.vote_record(172, lobby = "all")
x <- mp.vote_record(172, lobby = "aye")
x <- mp.vote_record(172, lobby = "no")
x <- mp.vote_record(172, session = "2016/17")
## End(Not run)
```

### papers_laid

**Papers laid**

#### Description

Imports data on papers laid before the House.

#### Usage

```r
papers_laid(withdrawn = FALSE, house = NULL,
            start_date = "1900-01-01", end_date = Sys.Date(),
            extra_args = NULL, tidy = TRUE, tidy_style = "snake",
            verbose = TRUE)
```
hansard_papers_laid(withdrawn = FALSE, house = NULL,
                        start_date = "1900-01-01", end_date = Sys.Date(),
                        extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                        verbose = TRUE)

Arguments

withdrawn If TRUE, only returns withdrawn papers. Defaults to FALSE.

house The house the paper was laid in. Accepts 'commons' and 'lords'. If NULL, returns both House of Commons and House of Lords. This parameter is case-insensitive. Defaults to NULL.

start_date Only includes papers laid before the House on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

date Only includes papers laid before the House on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

extra_args Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

tidy Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on papers laid before the given House.

Examples

## Not run:
x <- papers_laid(withdrawn = FALSE, house = "commons")

x <- papers_laid(withdrawn = TRUE, house = NULL)

## End(Not run)
**publication_logs**

**House publications**

**Description**
Imports data on House of Commons and House of Lords publications.

**Usage**

```r
publication_logs(ID = NULL, house = NULL, start_date = "1900-01-01",
                 end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
                 tidy_style = "snake", verbose = TRUE)

hansard_publication_logs(ID = NULL, house = NULL,
                         start_date = "1900-01-01", end_date = Sys.Date(),
                         extra_args = NULL, tidy = TRUE, tidy_style = "snake",
                         verbose = TRUE)
```

**Arguments**

- **ID**
  Publication ID. Defaults to NULL. If not NULL, requests a tibble with information on the given publication.

- **house**
  The house that produced the particular publication. Accepts 'commons' and 'lords'. If NULL or not 'commons' or 'lords', returns publications from both House of Commons and House of Lords. This parameter is case-insensitive. Defaults to NULL.

- **start_date**
  Only includes publications issued on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.

- **end_date**
  Only includes publications issued on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.

- **extra_args**
  Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

- **tidy**
  Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

- **tidy_style**
  The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.

- **verbose**
  If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.
Value

A tibble with details from publications in the House of Commons and House of Lords

Examples

```r
## Not run:
# All publications in the house of commons
x <- publication_logs(house = "commons")

# Returns a given publication
y <- publication_logs(683267)
## End(Not run)
```

---

**research_briefings**

*Parliamentary Research Briefings*

Description

Imports data on Parliamentary Research Briefings. To see a list of possible topics call `research_topics_list()` or `research_subtopics_list()` for both topics and subtopics. To see a list of briefing types, call `research_types_list()`. This function can return results with newlines in the text of the abstract or description of the research briefing, represented as `"\n"`.

Usage

```r
research_briefings(topic = NULL, subtopic = NULL, type = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_research_briefings(topic = NULL, subtopic = NULL, type = NULL, extra_args = NULL, tidy = TRUE, tidy_style = "snake", verbose = TRUE)
```

Arguments

- **topic**
  The topic of the parliamentary briefing. Defaults to NULL.

- **subtopic**
  The subtopic of the parliamentary briefing. Defaults to NULL.

- **type**
  The type of research briefing. Defaults to NULL.

- **extra_args**
  Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.

- **tidy**
  Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value
A tibble with details on parliamentary research briefings on the given topic.

See Also
research_subtopics_list()
research_types_list()
research_topics_list()

Examples
## Not run:
x <- research_briefings("Housing and planning")
# Requests can be made using lists created using `research_topics_list`
# and `research_subtopics_list`
research_topics_list <- research_topics_list()
x <- research_briefings(topic = research_topics_list[[7]])
research_subtopics_list <- research_subtopics_list()
x <- research_briefings(subtopic = research_subtopics_list[[7]][10])
# Requests for certain briefing types can also be made using lists
# created with `research_types_list`.
research_types_list <- research_types_list()
x <- research_briefings(type = research_types_list[[3]])
## End(Not run)
Usage

research_topics_list()

hansard_research_topics_list()

research_subtopics_list()

hansard_research_subtopics_list()

research_types_list()

hansard_research_types_list()

Value

A list with the different research topics/subtopics/types available.

Member details functions

  research_topics_list  A list with the different research topics available
  research_subtopics_list  A list of Parliamentary Research Briefings topics
  research_types_list  A list of types of Parliamentary Research Briefings

See Also

research_briefings()

Examples

## Not run:
research_topics_list <- research_topics_list()

research_subtopics_list <- research_subtopics_list()

research_types_list <- research_types_list()

## End(Not run)

sessions_info  Parliamentary Session data

Description

Imports data on Parliamentary Sessions. Note that due to the date format used by the API, if days==TRUE and the end_date and start_date parameters are not set to the default values, the function downloads all available data and then subsets the tibble between the two given dates.
Usage

```
sessions_info(days = FALSE, start_date = "1900-01-01",
               end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
               tidy_style = "snake", verbose = TRUE)

hansard_sessions_info(days = FALSE, start_date = "1900-01-01",
                      end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
                      tidy_style = "snake", verbose = TRUE)
```

Arguments

- **days**: If TRUE, returns data for all available days. If FALSE, returns data on each parliamentary session. If TRUE and non-default start_date and/or end_date parameters are requested, the function must retrieve all days and subset based on the values passed to start_date and end_date. Not applicable to lords_sessions. Defaults to FALSE.
- **start_date**: Only includes sessions starting on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to '1900-01-01'.
- **end_date**: Only includes sessions ending on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with as.Date(). Defaults to the current system date.
- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
- **tidy**: Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.
- **tidy_style**: The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to 'snake'.
- **verbose**: If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

Value

A tibble with details on parliamentary sessions.

Examples

```r
## Not run:
x <- sessions_info(days = TRUE)

y <- sessions_info(days = FALSE)

## End(Not run)
```
tv_programmes  

TV broadcast data

Description

Imports data on TV broadcasts, clips of individual members and parliamentary TV channels.

Usage

```r
tv_programmes(legislature = NULL, start_date = "1900-01-01",
end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
tidy_style = "snake", verbose = TRUE)

hansard_tv_programmes(legislature = NULL, start_date = "1900-01-01",
end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
tidy_style = "snake", verbose = TRUE)

tv_clips(mp_id = NULL, start_date = "1900-01-01",
end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
tidy_style = "snake", verbose = TRUE)

hansard_tv_clips(mp_id = NULL, start_date = "1900-01-01",
end_date = Sys.Date(), extra_args = NULL, tidy = TRUE,
tidy_style = "snake", verbose = TRUE)

tv_channels(tidy = TRUE, tidy_style = "snake", verbose = TRUE)

hansard_tv_channels(tidy = TRUE, tidy_style = "snake",
verbose = TRUE)
```

Arguments

- **legislature**: Accepts one of either 'commons' or 'lords'. If NULL, returns all TV programmes for all chambers.
- **start_date**: Only includes broadcasts on or after this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with `as.Date()`. Defaults to '1900-01-01'.
- **end_date**: Only includes broadcasts on or before this date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else that can be coerced to a date with `as.Date()`. Defaults to the current system date.
- **extra_args**: Additional parameters and queries to pass to API. These queries must be strings and start with "&". See the API documentation or the package vignette for more details. Defaults to NULL.
tidy Logical parameter. If TRUE, fixes the variable names in the tibble to remove special characters and superfluous text, and converts the variable names to a consistent style. Defaults to TRUE.

tidy_style The style to convert variable names to, if tidy = TRUE. Accepts any style accepted by to_any_case. Defaults to "snake".

verbose If TRUE, displays messages on the console on the progress of the API request. Defaults to TRUE.

mp_id Accepts the ID of an MP or peer, and returns all clips featuring that MP or peer. If NULL, returns data on all available clips. Defaults to NULL.

Value
A tibble with details on TV broadcasts.
A tibble with details on TV broadcasts featuring the given MP, or all available clips.
A tibble with details on the different broadcasting channels.

TV Programme functions

**tv_programmes** TV programmes broadcast, per legislature and date

**tv_clips** Clips of a given MP or Peer

**tv_channels** Details on the different parliamentary TV channels

Examples

```r
## Not run:
x <- tv_programmes("commons",
   start_date = "2016-11-01",
   end_date = "2016-12-01"
)
## End(Not run)

## Not run:
x <- tv_clips(4591)
## End(Not run)
```
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