Package ‘mnis’

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constituency_results_tidy

Description

constituency_results_tidy

Usage

constituency_results_tidy(results, details)

Arguments

results  The tibble to tidy

details  The list to tidy
date_tidy

A function that makes date variables returned from the API datable, ie by converting them to POSIXct. Does the same thing for datetimes.

Description

A function that makes date variables returned from the API datable, ie by converting them to POSIXct. Does the same thing for datetimes.

Usage

date_tidy(df)

Arguments

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<tr>
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mnis

mnis: Easy Downloading Capabilities for the Member Name Information Service

Description

An API package for the Members’ Name Information Service operated by the UK parliament. The package is intended to simplify pulling data from an API for users unfamiliar with APIs. Documentation for the API itself can be found here: http://data.parliament.uk/membersdataplatform/default.aspx.

Details

The package includes a built in function to remove a byte-order mark from the API data, and a parameter tidy with each function that converts variable names into an R friendly style, removing non-alphanumeric characters and converting to snake_case when equal to TRUE, its default value.

All functions requests data in JSON format and parse it to a tibble. The exception is mnis_constituency_results() which returns a single object containing a list (with constituency details) and a tibble (with election results).

None of the functions included in this package appear to run into the API rate limit, although there may be restrictions to custom requests, which allow a maximum of three parameters.
Description

Returns a tibble with information on all members of both houses or a given house.

Usage

```r
mnis_all_members(
  house = "all",
  party = NULL,
  tidy = TRUE,
  tidy_style = "snake_case"
)
```

Arguments

- `house`: The house to which the member belongs. Accepts one of 'all', 'lords' and 'commons'. This parameter is not case sensitive, so 'commons', 'Commons' and 'C0mM0nS' will all return the same data. Defaults to 'all'.
- `party`: The party to which a member belongs. If NULL, all members are returned, subject to other parameters. Defaults to NULL.
- `tidy`: Fix 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 one of "snake_case", "camelCase" and "period.case". Defaults to "snake_case"

Value

A tibble with information on all members of the House of Commons and/or the House of Lords that meet the criteria included in the function parameters.

Examples

```r
## Not run:
x <- mnis_all_members(
  house = "all", party = NULL, tidy = TRUE,
  tidy_style = "snake_case"
)
## End(Not run)

## Not run:
x <- mnis_all_members(
  house = "all", party = NULL, tidy = TRUE,
  tidy_style = "snake_case"
)
```
### mnis_all_reference

Returns a list of 39 tibbles, with the name and data returned from each respective reference function.

**Description**

Returns a list of 39 tibbles, with the name and data returned from each respective reference function.

**Usage**

```r
mnis_all_reference(tidy = TRUE, tidy_style = "snake_case")
```

**Arguments**

- `tidy`: Fix the variable names in each tibble to remove special characters and superfluous text, and convert all the variable names to snake_case. Defaults to `TRUE`.
- `tidy_style`: The style to convert variable names to, if `tidy=TRUE`. Accepts one of "snake_case", "camelCase" and "period.case". Defaults to "snake_case".

**Value**

Returns a list of 39 tibbles, with the name and data returned from each respective reference function.

**Examples**

```r
## Not run:
z <- mnis_all_reference()
## End(Not run)
```

---

### mnis_base

A generic function for the MNIS API

**Description**

The function requests data in JSON format, but the type of object, and all URLs, paths and parameters are user-defined. mnis_base does not include the option to tidy variable names and data types.

**Usage**

```r
mnis_base(request)
```
**mnis_basic_details**

### Arguments

- **request**: The request query being made to the MNIS URL.

### Details

See the API documentation at [http://data.parliament.uk/membersdataplayer/memberquery.aspx](http://data.parliament.uk/membersdataplayer/memberquery.aspx) for details and limits on requests made to MNIS.

### Examples

```r
# Not run:

x <- mnis_base("House=Commons|IsEligible=true/")

# End(Not run)
```

---

**Description**

A series of basic function for the API lookup. Each of these functions accepts a member’s ID and returns information: if no ID is given basic information on all members of both houses is returned. All functions return basic details about the member (name, date of birth, gender, constituency, party, IDs, current status, etc.), as well as any available additional information requested by the specific function.

### Usage

- **mnis_basic_details**
  ```r
  mnis_basic_details(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
  )
  ```

- **mnis_biography_entries**
  ```r
  mnis_biography_entries(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
  )
  ```

- **mnis_committees**
  ```r
  mnis_committees(
    ID = NULL,
    ref_dods = FALSE,
  ```
mnis_basic_details

tidy = TRUE,
tidy_style = "snake_case"
)

mnis_addresses(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

mnis_constituencies(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

mnis_elections_contested(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

mnis_experiences(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

mnis_government_posts(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

mnis_honours(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

mnis_house_memberships(
  ID = NULL,
ref_dods = FALSE,
tidy = TRUE,
tidy_style = "snake_case"
)

mnis_statuses(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_staff(ID = NULL, ref_dods = FALSE, tidy = TRUE, tidy_style = "snake_case")

mnis_interests(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_known_as(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_maiden_speeches(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_opposition_posts(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_other_parliaments(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)
mnis_basic_details

mnis_parliamentary_posts(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_parties(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

mnis_preferred_names(
    ID = NULL,
    ref_dods = FALSE,
    tidy = TRUE,
    tidy_style = "snake_case"
)

Arguments

ID
The member ID. If NULL, function calls mnis_all_members() and returns basic information on all members of both houses. Defaults to NULL.

ref_dods
If TRUE, Request based on the DODS membership ID scheme. If FALSE, requests data based on the default membership ID scheme. Defaults to FALSE.

tidy
If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.

tidy_style
The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

Value

A list with the data corresponding to the particular function called.

mnis_additional functions

- mnis_basic_details Basic biographical details on a given Member
- mnis_bioigraphy_entries Member biographical information (e.g. countries of interest, policy expertise etc...)
- mnis_committees Committees a Member sits or has sat on as well details on committee chairing
- mnis_addresses Member address information (e.g. website, twitter, constituency address etc...)
- mnis_constituencies Constituencies a Member has represented
- `mnis_elections_contested` Elections a Member has contested but not won
- `mnis_experiences` Non-parliamentary experience of a Member
- `mnis_government_posts` Government posts a Member has held
- `mnis_honours` Honours (e.g. MBE, OBE etc...) held by a Member
- `mnis_house_memberships` House membership list of a Member
- `mnis_statuses` Status history (e.g. suspensions and disqualifications) for a Member
- `mnis_staff` The staff employed by a Member
- `mnis_interests` Registered (financial) interests of a Member
- `mnis_known_as` Details of names a Member has chosen to be known as instead of their full title, only applicable to members of the House of Lords
- `mnis_maiden_speeches` Maiden speech dates for a Member
- `mnis_opposition_posts` Opposition posts a Member has held
- `mnis_other_parliaments` Other Parliaments that a Member has held a membership of (e.g. members of the Welsh Assembly)
- `mnis_parliamentary_posts` Parliamentary posts a Member has held
- `mnis_parties` Party affiliations of a Member
- `mnis_preferred_names` Full set of data about a Members’ name (e.g. surname, forename, Honorary prefixes, full details of House of Lords title and rank if applicable, etc...)

See Also

`mnis_full_blog()`

Examples

```r
## Not run:
x <- mnis_basic_details(172)
## End(Not run)
```

---

`mnis_bom`  
*Strip out BOM from JSON data*

**Description**

Strip out BOM from JSON data

**Usage**

`mnis_bom(x)`

**Arguments**

- `x` The GET return to strip BOM out of
mnis_constituency_results

Constituency election results

Description

Returns a list with details of the constituency and a tibble with election results.

Usage

mnis_constituency_results(
  constituency_id = NULL,
  election_id = 0,
  tidy = TRUE,
  tidy_style = "snake_case"
)

Arguments

constituency_id
  The ID of the constituency to return the data for. If NULL, no data is returned. Defaults to NULL.

election_id
  The ID of the election to return the data for. Defaults to 0, which returns the result of all elections held in that constituency.

tidy
  If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.

tidy_style
  The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

Value

A list with details of the constituency, labelled 'details' and a tibble with election results, labelled 'results'. The list and tibble are stored in a single object.

Examples

## Not run:
x <- mnis_constituency_results(constituency_id = 3709, election_id = 0)

## End(Not run)
Description

Request the holders of posts in specific departments by department ID.

Usage

```r
mnis_department(
    department_id = 0,
    bench = "Government",
    former = TRUE,
    tidy = TRUE,
    tidy_style = "snake_case"
)
```

Arguments

department_id  The department to look up. 0 returns the cabinet/shadow cabinet, -1 returns a list of all ministers.
bench  Flag to return either Government or Opposition information. This parameter is case insensitive, so both 'Opposition' and 'opposition' will return the same data. Defaults to 'Government'.
former  Logical parameter to include both current and former ministers/shadow ministers. If FALSE, only includes current ministers/shadow ministers. Defaults to TRUE.
tidy  If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.
tidy_style  The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

Value

A tibble with information on departments and ministers/shadow ministers.

Examples

```r
## Not run:
x <- mnis_department(department_id = 0, bench = "Government", former = TRUE)

## End(Not run)
```
mnis_eligible

Description

Returns all members who are able to sit in either house, or who are currently ineligible to sit. Members ineligible to sit include but are not necessarily limited to former MPs, members of the judiciary, who are recused from House of Lords duties.

Usage

mnis_eligible(
    eligible = TRUE,
    house = "all",
    party = NULL,
    tidy = TRUE,
    tidy_style = "snake_case"
)

Arguments

eligible If the member is currently eligible to sit. Accepts TRUE or FALSE. Defaults to TRUE.

house The house to which the member belongs. Accepts one of 'all', 'lords' and 'commons', defaults to 'all'. This parameter is not case sensitive, so 'commons', 'Commons' and 'cOmMOnS' will all return the same data.

party The party to which a member belongs. Defaults to NULL. The party must be fully spelled out (e.g. 'green party'), the API does not accept searches on this parameter. For a tibble of parties, see ref_parties(). This parameter is not case sensitive.

tidy Fix 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 one of "snake_case", "camelCase" and "period.case". Defaults to "snake_case"

Examples

## Not run:
x <- mnis_eligible(eligible = FALSE, house = "all", party = "labour")

y <- mnis_eligible(eligible = TRUE, house = "all", party = "green party")

z <- mnis_eligible(house = "commons")

## End(Not run)
mnis_full_biog  

Full Biography

Description

Requests all available biographical information for a given member, and returns it in a list.

Usage

```
mnis_full_biog(
  ID = NULL,
  ref_dods = FALSE,
  tidy = TRUE,
  tidy_style = "snake_case"
)
```

Arguments

- **ID**: The ID number of the member, using the default MNIS scheme. If `ref_dods` is `TRUE`, accepts the Dods monitoring scheme instead. If left empty, returns the same data as `mnis_all_members()` with default parameters.
- **ref_dods**: Request based on the Dods monitoring member ID scheme. Defaults to `FALSE`. If `FALSE`, requests using the default MNIS identification scheme.
- **tidy**: Fix the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert variable names to a consistent style. Defaults to `TRUE`. Currently does not work.
- **tidy_style**: The style to convert variable names to, if `tidy==TRUE`.

See Also

`mnis_basic_details()`

Examples

```
## Not run:
df172 <- mnis_full_biog(172)
df500 <- mnis_full_biog(500)
## End(Not run)
```
mnis_general_election_results

Election results

Description

Returns an object containing list with details of the search parameter and a tibble with election results. Accepts queries on location type and name, and the start and end date to return general elections between. The API does not contain data for Norther Ireland.

Usage

```r
mnis_general_election_results(
  location_type = "Country",
  location_name = "Great Britain",
  start_date = "1900-01-01",
  end_date = Sys.Date(),
  tidy = TRUE,
  tidy_style = "snake_case"
)
```

Arguments

- `location_type`: The type of area to return information for. Accepts 'Country', 'Region', 'County', and 'Constituency'. Defaults to 'Country'.
- `location_name`: The location to return data for. It can be the name of any Country, Region, County or Constituency. Defaults to 'Great Britain'.
- `start_date`: Start date of search. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). Defaults to '1900-01-01'.
- `end_date`: End date of search. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). Defaults to current system date.
- `tidy`: If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.
- `tidy_style`: The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

Value

Returns a list with details of the search parameter and a tibble with election results.
Examples

```r
## Not run:
x <- mnis_general_election_results(
  location_type = "Country", location_name = "England",
  start_date = "2010-01-01", end_date = "2016-01-01"
)
## End(Not run)
```

### Description
Function returns all members who took their seats in the house between two given dates.

### Usage

```r
mnis_joined_between(
  start_date = "1900-01-01",
  end_date = Sys.Date(),
  house = "all",
  party = NULL,
  eligible = "all",
  tidy = TRUE,
  tidy_style = "snake_case"
)
```

### Arguments

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

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

- **house**: The house to which the member belongs. Accepts one of 'all', 'lords' and 'commons'. This parameter is not case sensitive. Defaults to 'all'.

- **party**: All members from a given party who joined between the two dates. The party name must be fully spelled out (e.g. 'green party'), the API does not accept searches on this parameter. For a tibble of parties, see `ref_parties()`. This parameter is not case sensitive. Defaults to NULL.

- **eligible**: If the member is currently eligible to sit. Accepts one of 'all', 'current', 'former'. This parameter is not case sensitive. Defaults to 'all'.
tidy

If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.

tidy_style

The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

Value

A tibble with data on all members who joined between the two given dates.

Examples

```r
## Not run:
x <- mnis_joined_between(
  start_date = "2015-01-01",
  end_date = "2017-01-01", party = "labour"
)
## End(Not run)
```

Description

Calls the API to return a tibble with details on the number of Lords and their party affiliations. Defaults to the current date, but can also return the number of Lords and their affiliations on a given date.

Usage

```r
mnis_lords_type(date = Sys.Date(), tidy = TRUE, tidy_style = "snake_case")
```

Arguments

date

Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). The API will return data on the composition of the House of Lords on that date. Defaults to the current system date.

tidy

If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.

tidy_style

The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

Value

A tibble with information on the numbers of different types of Lords on a given date.
mnis_member_date

## Not run:
x <- mnis_lords_type()

## End(Not run)

mnis_member_date  
Returns a tibble with a member's status on a given date.

### Description

Returns a tibble with a member's status on a given date.

### Usage

```
mnis_member_date(
  ID = NULL,
  date = Sys.Date(),
  tidy = TRUE,
  tidy_style = "snake_case"
)
```

### Arguments

- **ID**
  - The ID of the member, or a vector with the IDs of multiple MPs. If given multiple IDs, the results are combined into a single tibble. Currently only accepts IDs from the default membership ID scheme. If NULL the function stops and no data is returned. Defaults to NULL.

- **date**
  - Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). Return details on the requested member's status on that date. Defaults to the current system date.

- **tidy**
  - If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.

- **tidy_style**
  - The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

### Value

Returns a tibble with the given member's status on the given date.

### See Also

mnis_mps_on_date()
mnis_mps_on_date

Examples

## Not run:
x <- mnis_member_date(172)

## End(Not run)

mnis_mps_on_date  
All MPs between two dates

Description

Requests data on all MPs who were members of the House of Commons on the date specified, (if only date1 is included as a parameter), or on or between the two dates if both date1 and date2 are specified. Either date1 or date2 can be the latter of the two dates.

Usage

mnis_mps_on_date(
  date1 = Sys.Date(),
  date2 = NULL,
  tidy = TRUE,
  tidy_style = "snake_case"
)

Arguments

date1                   The date to return the list of mps from. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). Defaults to current system date.
date2                   An optional query parameter. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). If not NULL, the function returns a list of all MPs who were members between date1 and date2. Defaults to NULL.
tidy                    If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.
tidy_style              The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period.case". Defaults to "snake_case".

Value

A tibble with information on all MPs who were members of the House of Commons on the date specified (if only date1 is included as a parameter), or on or between the two dates if both date1 and date2 are specified.
See Also

- `mnis_party_state()`
- `mnis_peers_on_date()`

Examples

```r
## Not run:
x <- mnis_mps_on_date(date1 = "2017-01-01", date2 = "2014-02-04")

## End(Not run)
```

---

### mnis_party_state

**Party standing on a given date**

**Description**

Returns data on the numbers and gender of MPs, by party, for the given date, in either the House of Commons or the House of Lords.

**Usage**

```r
mnis_party_state(
  house = "Commons",
  date = Sys.Date(),
  tidy = TRUE,
  tidy_style = "snake_case"
)
```

**Arguments**

- `house`
  - The house of parliament. Accepts either 'Lords' or 'Commons'. This parameter is not case sensitive, so both 'lords' and 'Lords' return the same result. Defaults to 'Commons'.

- `date`
  - The date to query party standing on. Accepts character values in 'YYYY-MM-DD' format, and objects of class `Date`, `POSIXt`, `POSIXct`, `POSIXlt` or anything else than can be coerced to a date with `as.Date()`. Defaults to the current system date.

- `tidy`
  - If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.

- `tidy_style`
  - The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".

**Value**

A tibble with information on the total numbers and gender of MPs, by party, for the given date and house.
mnis_peers_on_date

See Also

mnis_mps_on_date()
mnis_peers_on_date()

Examples

## Not run:
x <- mnis_party_state("2012-01-12")

## End(Not run)

---

mnis_peers_on_date  Peers on date

Description

Requests data on all peers who were members of the House of Lords on the date specified, (if only
date1 is included as a parameter), or on or between the two dates if both date1 and date2 are
specified. Either date1 or date2 can be the latter of the two dates.

Usage

mnis_peers_on_date(
date1 = Sys.Date(),
date2 = NULL,
tidy = TRUE,
tidy_style = "snake_case"
)

Arguments

date1  The date to return the list of peers from. Defaults to current system date. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date().
date2  An optional query parameter. Accepts character values in 'YYYY-MM-DD' format, and objects of class Date, POSIXt, POSIXct, POSIXlt or anything else than can be coerced to a date with as.Date(). If not NULL, the function returns a list of all peers in the House of Lords between date1 and date2. Defaults to NULL.
tidy  If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.
tidy_style  The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camelCase" and "period_case". Defaults to "snake_case".
mnis_political_interests

Value

A tibble with information on all peers who were members of the House of Lords on the date specified, (if only date1 is included as a parameter), or on or between the two dates if both date1 and date2 are specified.

See Also

mnis_party_state()
mnis_peers_on_date()

Examples

## Not run:
x <- mnis_peers_on_date(date1 = "2017-01-01")
## End(Not run)

mnis_political_interests

*Political and Geographical Interests*

Description

Returns a tibble with members with the specified interest or interests.

Usage

mnis_political_interests(
  interest,
  house = NULL,
  current = TRUE,
  tidy = TRUE,
  tidy_style = "snake_case"
)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>interest</td>
<td>A single interest in the form of a string, or a character vector of interests. If a vector of multiple interests, returns all members who list all of those interests.</td>
</tr>
<tr>
<td>house</td>
<td>The house the member belongs to. Accepts 'commons', 'lords' and NULL. This variable is not case sensitive. If NULL, returns members from both houses. Defaults to NULL.</td>
</tr>
<tr>
<td>current</td>
<td>Logical. If TRUE, returns all current and former members of both houses. Defaults to TRUE.</td>
</tr>
</tbody>
</table>
mnis_tidy

Functions to tidy up the variable names returned from the API, and turn dates and datetimes to POSIXct.

Description

Functions to tidy up the variable names returned from the API, and turn dates and datetimes to POSIXct.

Usage

mnis_tidy(df, tidy_style = "snake_case")

member_tidy(df)

ref_tidy(df, tidy_style)

Arguments

df The tibble to tidy.
tidy_style The style to tidy the tibble with.
Description

Reference data on various aspects of parliament. This data is useful for providing parameters for other function calls. The functions do not accept any arguments aside from the tidy and tidy_style parameters, which default to TRUE and 'snake_case', respectively. To return all a list with tibbles of all reference data, see `mnis_all_reference()`.

Usage

```r
ref_address_types(tidy = TRUE, tidy_style = "snake_case")
ref_answering_bodies(tidy = TRUE, tidy_style = "snake_case")
ref_areas(tidy = TRUE, tidy_style = "snake_case")
ref_area_types(tidy = TRUE, tidy_style = "snake_case")
ref_biography_categories(tidy = TRUE, tidy_style = "snake_case")
ref_cabinets(tidy = TRUE, tidy_style = "snake_case")
ref_committees(tidy = TRUE, tidy_style = "snake_case")
ref_committee_types(tidy = TRUE, tidy_style = "snake_case")
ref_constituencies(tidy = TRUE, tidy_style = "snake_case")
ref_constituency_areas(tidy = TRUE, tidy_style = "snake_case")
ref_constituency_types(tidy = TRUE, tidy_style = "snake_case")
ref_countries(tidy = TRUE, tidy_style = "snake_case")
ref_departments(tidy = TRUE, tidy_style = "snake_case")
ref_disqualification_types(tidy = TRUE, tidy_style = "snake_case")
ref_elections(tidy = TRUE, tidy_style = "snake_case")
ref_election_types(tidy = TRUE, tidy_style = "snake_case")
ref_end_reasons(tidy = TRUE, tidy_style = "snake_case")
ref_experience_types(tidy = TRUE, tidy_style = "snake_case")
```
ref_address_types

ref_government_post_departments(tidy = TRUE, tidy_style = "snake_case")
ref_government_posts(tidy = TRUE, tidy_style = "snake_case")
ref_government_ranks(tidy = TRUE, tidy_style = "snake_case")
ref_honourary_prefixes(tidy = TRUE, tidy_style = "snake_case")
ref_honour_lists(tidy = TRUE, tidy_style = "snake_case")
ref_honours(tidy = TRUE, tidy_style = "snake_case")
ref_interest_categories(tidy = TRUE, tidy_style = "snake_case")
ref_lords_membership_types(tidy = TRUE, tidy_style = "snake_case")
ref_lords_ranks(tidy = TRUE, tidy_style = "snake_case")
ref_opposition_post_departments(tidy = TRUE, tidy_style = "snake_case")
ref_opposition_posts(tidy = TRUE, tidy_style = "snake_case")
ref_opposition_ranks(tidy = TRUE, tidy_style = "snake_case")
ref_other_parliaments(tidy = TRUE, tidy_style = "snake_case")
ref_parliamentary_posts(tidy = TRUE, tidy_style = "snake_case")
ref_parliamentary_ranks(tidy = TRUE, tidy_style = "snake_case")
ref_parliament_types(tidy = TRUE, tidy_style = "snake_case")
ref_parties(tidy = TRUE, tidy_style = "snake_case")
ref_party_sub_types(tidy = TRUE, tidy_style = "snake_case")
ref_photo_outputs(tidy = TRUE, tidy_style = "snake_case")
ref_statuses(tidy = TRUE, tidy_style = "snake_case")
ref_titles(tidy = TRUE, tidy_style = "snake_case")

Arguments

tidy If TRUE, fixes the variable names in the tibble to remove non-alphanumeric characters and superfluous text, and convert to a consistent style. Defaults to TRUE.
tidy_style The style to convert variable names to, if tidy=TRUE. Accepts one of "snake_case", "camel_case", or "kebab-case".
"camelCase" and "period.case". Defaults to "snake_case".

**mnis_reference functions**

- `ref_address_types` The types of addresses available in member’s contact details. Includes websites and social media, as well as physical addresses
- `ref_answering_bodies` The bodies that members’ can address questions to
- `ref_areas` Geographic areas
- `ref_area_types` Identifiers for grouping areas (e.g. borough constituencies)
- `ref_biography_categories` Member biography categories
- `ref_cabinets` Connections that a member has to the cabinet or shadow cabinet
- `ref_committees` Identifier for parliamentary committees
- `ref_committee_types` Types of parliamentary committees
- `ref_constituencies` All constituencies
- `ref_constituency_areas` The links between constituencies and constituency areas
- `ref_constituency_types` Constituency categories
- `ref_countries` List of countries that could be listed as members’ birthplace
- `ref_departments` Government and opposition departments
- `ref_disqualification_types` Types of ways members can be disqualified from sitting in the House
- `ref_elections` Codes of general and by-elections
- `ref_election_types` Election categories
- `ref_end_reasons` Reasons a member may leave the House of Lords or the House of Commons
- `ref_experience_types` Types of non-parliamentary experience members can list
- `ref_government_post_departments` All departments that can contain government posts
- `ref_government_posts` All government posts
- `ref_government_ranks` All government post ranks
- `ref_honorary_prefixes` The types of honourary prefixes for members
- `ref_honour_lists` The types of honour lists that a member may be honoured in
- `ref_honours` The different honours available to members
- `ref_interest_categories` The categories available for reporting financial interests
- `ref_lords_membership_types` Different types of membership of the House of Lords
- `ref_lords_ranks` Ranks that peers may hold
- `ref_opposition_post_departments` The link between opposition posts and the government department they shadow
- `ref_opposition_posts` Opposition posts
- `ref_opposition_ranks` How opposition posts are ranked
- `ref_other_parliaments` Other parliaments that a member may have sat in
tidy_bom

- `ref_parliamentary_posts()` The different parliamentary posts available
- `ref_parliamentary_ranks()` How those parliamentary posts are ranked
- `ref_parliament_types()` Types of parliaments that parliamentary data may link to
- `ref_parties()` All parties that members can be affiliated with
- `ref_party_sub_types()` Sub-types of parties
- `ref_photo_outputs()` Outputs that a photo of a member may be linked to
- `ref_statuses()` A member's possible current status in the House
- `ref_titles()` Salutory titles

See Also

`mnis_all_reference()`

---

tidy_bom

A function to strip Byte Order Marks (BOM) out of JSON data returned from the API.

Description

A function to strip Byte Order Marks (BOM) out of JSON data returned from the API.

Usage

`tidy_bom(df)`

Arguments

- `df` The GET returned from call to API.
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