Package: europarl (via r-universe)

January 30, 2025

Type Package

Title Scrap Data from Europarlament's Website

Version 0.1.0

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Maintainer The package maintainer <yourself@somewhere.net>

Description Scrap data from europarlament's website.

License GPL

URL <https://ropengov.github.io/europarl/>,
     <https://github.com/rOpenGov/europarl>

BugReports <https://github.com/rOpenGov/europarl/issues>

Imports DBI, dplyr, lubridate, magrittr, readr, RMySQL, RSelenium,
     rvest, stringr, tidyverse, XML, xml2

Encoding UTF-8

LazyData true

RoxygenNote 7.1.2

X-schema.org-isPartOf http://ropengov.org/

X-schema.org-keywords ropengov

Config/pak/sysreqs libfontconfig1-dev libfreetype6-dev libfribidi-dev
     make libharfbuzz-dev libicu-dev libjpeg-dev libmysqlclient-dev
     libpng-dev libtiff-dev libxml2-dev libssl-dev libx11-dev
     zlib1g-dev

Repository https://ropengov.r-universe.dev

RemoteUrl https://github.com/rOpenGov/europarl

RemoteRef HEAD

RemoteSha f6bda62a433f8c5595078f3b93df877d706cac6f

Contents

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create_database   *Creating database*

Description

Function `create_database` creates a dabase with

Usage

```
create_database(dbname, user, password, host)
```

---

deputies_get_history_of_services
                              Get national parties, eu groups, postions

---

Description

Get national parties, eu groups, postions

Usage

```
deputies_get_history_of_services(home_page, deputy_id)
```

---

get_all_deputies *Get data about all deputies*

Description

Get data about all deputies

Usage

```
get_all_deputies(term = 1)
```

---

get_eurogroup *Get data about all deputies*

Description

Get data about all deputies

Usage

```
get_eurogroup(deputy_id, date = Sys.Date())
```

---

get_history *Get parties, eu groups, postions*

Description

Get parties, eu groups, postions

Usage

```
get_history(home_page, deputy_id)
```

---

get_languages *Get all languages in europarl*

Description

Get all languages in europarl

Usage

```
get_languages()
```

---

get_more_info | *Get nationality, date of birth, place of birth and/or date of death*

Description

Get nationality, date of birth, place of birth and/or date of death

Usage

```
get_more_info(home_page)
```

---

get_nationalparty | *Get data about all deputies*

Description

Get data about all deputies

Usage

```
get_nationalparty(deputy_id, date = Sys.Date())
```

---

get_statements | *Get all statements for P8*

Description

Get all statements for P8

Usage

```
get_statements(deputy_id, browser)
```

read_config *Loads data from configuration file*

Description

File should contains:

- dbname = "dbname"

- host = "host"

- username = "username"

- password = "password"

Usage

```
read_config(
  file = system.file("config/db_config.txt", package = "europarl"),
  delim = " "
)
```

Arguments

delim	a delim parametr in read_delim
name	file name or path to file

Value

A tibble with dbname, host, username and password for database conncetion.

Examples

```
## Not run:
read_config()

read_config(file = "path/name.txt", delim = " ")

## End(Not run)
```

---

safe_html   *Safe html scrapping*

Description

Function `safe_html` tries to download the URL several times.

Usage

```
safe_html(page, time = 60, attempts = 10)
```

Arguments

page	requested URL
time	sleep interval after each failure
attempts	max number of tries (if there is a problem with connection)

Details

Function `safe_html` performes 10 (by default) attempts to download the URL and waits 60sec (by default) after each failure

Value

character vector

Author(s)

Przemyslaw Biecek

Examples

```
## Not run:
page <- paste0('http://www.sejm.gov.pl/Sejm7.nsf/',
                'wypowiedz.xsp?posiedzenie=15&dzien=1&wyp=008')
safe_html(page)
## End(Not run)
```

---

statements_core   *Get statements text and details.*

Description

Function `statements_core` downloads content and details(language, time) of the statement.

Usage

```
statements_core(url)
```

---

statements_get_all_statements

          Get all statements for P8

Description

Get all statements for P8

Usage

```
statements_get_all_statements(deputy_id, browser, term_of_office = 8)
```

---

statements_get_list_of_statements

          Return links, titles, dates of sttamenets of given deputie.

Description

Return links, titles, dates of sttamenets of given deputie.

Usage

```
statements_get_list_of_statements(deputy_id, browser, term_of_office = 8)
```

---

statements_get_statement

          Get statements text and details.

Description

Function `statements_core` downloads content and details(language, time) of the statement.

Usage

```
statements_get_statement(url)
```

---

statements_get_time   *Get time of statements*

Description

Get time of statements

Usage

```
statements_get_time(url)
```

Arguments

url   A url of statements

Value

Returns duration, start time and end time of statement

---

statements_update_statements

                              Update stamenets in data abse

Description

Update stamenets in data abse

Usage

```
statements_update_statements(deputy_id, browser, term_of_office = 8, db)
```

---

strings_identical   *Remove white signs and comapre two strings*

Description

Remove white signs and comapre two strings

Usage

```
strings_identical(x, y)
```

Value

Returns TRUE or FALSE

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