Package 'ecdata'

November 19, 2024

Title Loads Data from the Executive Communications Dataset

Version 1.1.1

Description A minimal package for downloading data from 'GitHub' repositories of the Executive Communications Database.

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Encoding UTF-8

RoxygenNote 7.3.2

LazyData true

URL <https://github.com/Executive-Communications-Dataset/ecdata>,<https://executive-communications-dataset.github.io/ecdata/>

BugReports <https://github.com/Executive-Communications-Dataset/ecdata/issues>

Depends R (>= 4.0)

Imports arrow (>= 16.1.0), cli (>= 3.6.3), rlang (>= 1.1.0), glue (>= 1.4.0), piggyback (>= 0.1.5), utils, tools, cachem (>= 1.0.0), memoise (>= 2.0.0), vctrs, curl

Suggests duckplyr, testthat (>= 3.0.0), data.table, dplyr, altdoc, knitr, rmarkdown

Config/testthat/edition 3

VignetteBuilder knitr

NeedsCompilation no

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Contents

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clear_cache	*Clear function cache*

Description

This function clears the memoised cache of all functions memoised by ecdata.

Usage

```
clear_cache()
```

Value

A success message after clearing the cache.

Examples

```
## Not run:
clear_cache()

## End(Not run)
```

---

ecd_country_dictionary	
	ECD country dictionary A data dictionary with the countries in our dataset and their corresponding file names on Github

---

Description

a data frame with 41 rows and 2 columns

name_in_dataset Name of the country in the dataset

file_name Name of the parquet files on GitHub

Usage

```
ecd_country_dictionary
```

Format

An object of class data.frame with 45 rows and 7 columns.

Source

The Executive Communications Dataset

---

ecd_data_dictionary   *ECD data dictionary a data dictionary of the columns in our dataset*

Description

country name of a country in our dataset

date date of statement

title title of the statement

text text of the statement

url url of the statement

file name of the file in the replication repo

Usage

```
ecd_data_dictionary
```

Format

An object of class tbl_df (inherits from tbl, data.frame) with 13 rows and 2 columns.

Source

The Executive Communications Dataset

---

example_scraper   *This is a helper function to help you scrape the web*

Description

opens and example web scraper in your text editor

Usage

```
example_scraper(scrapper_type = c("static", "dynamic"))
```

Arguments

scrapper_type   calls the example scrapper scripts. Should be one of static or dynamic which
                 matches the kind of scrapper you want to use

Value

an example webscrapper

Examples

```
#'
## Not run:
library(ecdata)

# get dynamic scrapper

example_scrapper(scrapper_type = 'static')


## End(Not run)
```

---

lazy_load_ecd   *Reading Executive Communications Dataset lazily This function im-*
                        ports data from the ECD lazily meaning the data is out loaded out of
                        memory

Description

Reading Executive Communications Dataset lazily

This function imports data from the ECD lazily meaning the data is out loaded out of memory

Usage

```
lazy_load_ecd(
  country = NULL,
  language = NULL,
  full_ecd = FALSE,
  ecd_version = "1.0.0"
)
```

Arguments

country   a character vector with a country or countries in our dataset to download.

language   a character vector with a lanaguage or languages in our dataset to download.

full_ecd   to download the full Executive Communications Dataset set full_ecd to TRUE

ecd_version   a character of ecd versions.

Value

A tibble with the specified country/countries or language/languages

Examples

```
library(ecdata)

## load one country

load_ecd(country = 'United States of America')

## displays data from the USA


## load multiple countries

load_ecd(country = c('Turkey', 'Republic of South Korea', 'India'))

## displays data from Turkey, South Korea, and India

# load full ecd


load_ecd(full_ecd = TRUE)
```

---

load_ecd   *Reading Executive Communications Dataset This function imports*
                                  data from the ECD

Description

Reading Executive Communications Dataset

This function imports data from the ECD

Usage

```
load_ecd(
  country = NULL,
  language = NULL,
  full_ecd = FALSE,
  ecd_version = "1.0.0"
)
```

Arguments

country	a character vector with a country or countries in our dataset to download.
language	a character vector with a lanaguage or languages in our dataset to download.
full_ecd	to download the full Executive Communications Dataset set full_ecd to TRUE
ecd_version	a character of ecd versions.

Value

A tibble with the specified country/countries or language/languages

Examples

```
library(ecdata)

## load one country

load_ecd(country = 'United States of America')

## displays data from the USA


## load multiple countries

load_ecd(country = c('Turkey', 'Republic of South Korea', 'India'))

## displays data from Turkey, South Korea, and India

# load full ecd
```

```
load_ecd(full_ecd = TRUE)
```

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