

Package: ecdata (via r-universe)

January 12, 2025

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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Additional_repositories <https://cranhaven.r-universe.dev>

Config/pak/sysreqs cmake git make libssl-dev

Repository <https://cranhaven.r-universe.dev>

RemoteUrl <https://github.com/cranhaven/cranhaven.r-universe.dev>

RemoteRef package/ecdata

RemoteSha a8004f56c62c499abfc207e105dda5d5696d29fc

RemoteSubdir ecdata

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| | |
|-------------|-----------------------------|
| clear_cache | <i>Clear function cache</i> |
|-------------|-----------------------------|

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 | <i>This is a helper function to help you scrape the web</i> |
|-----------------|---|

Description

opens and example web scraper in your text editor

Usage

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

Arguments

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

Value

an example webscraper

Examples

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

# get dynamic scraper

example_scraper(scraper_type = 'static')

## End(Not run)
```

| | |
|---------------|--|
| lazy_load_ecd | <i>Reading Executive Communications Dataset lazily This function imports data from the ECD lazily meaning the data is out loaded out of memory</i> |
|---------------|--|

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 | <i>Reading Executive Communications Dataset This function imports data from the ECD</i> |
|----------|---|

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 language 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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