

Package: popdata (via r-universe)

June 23, 2024

Title A Client for the UNHCR Popdata Platform
Description Client for the UNHCR Popdata Platform
<<https://popdata.unhcr.org>>. Allows to download popdata datasets into R.
Version 0.4.9000
License MIT + file LICENSE
LazyData TRUE
URL <https://gitlab.com/dickoa/popdata>
BugReports <https://gitlab.com/dickoa/popdata/issues>
Depends R (>= 3.5)
Imports crul (>= 1.1), jsonlite, readr, hoardr, memoise, cachem, chromote (>= 0.1.2), tibble, dplyr, stringr, rlang
Suggests roxygen2, knitr, rmarkdown, testthat, covr, webmockr, vcr
Roxygen list(markdown = TRUE)
RoxygenNote 7.2.3
Encoding UTF-8
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VignetteBuilder knitr
Config/Needs/website unhcr-dataviz/unhcrtemplate
Repository <https://unhcrverse.r-universe.dev>
RemoteUrl <https://github.com/PopulationStatistics/popdata>
RemoteRef HEAD
RemoteSha 15dd76ad62fe96f473170aecf0735107a50d36c9

Contents

pd_augment	2
pd_cache	2
pd_countries	3

pd_login	4
pd_memoise_clear	5
popdata	5

Index	7
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pd_augment	<i>Augment data-frame with country metadata</i>
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Description

Augment data-frame with country metadata

Usage

```
pd_augment(data, col, prefix = NULL)
```

Arguments

data	tibble, dataset to augment
col	unquoted expression, column containing UNHCR code
prefix	character, string to prepend to metadata column names

Value

a tibble

pd_cache	<i>Caching POPDATA downloaded files</i>
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Description

Manage cached POPDATA downloaded files

Usage

```
pd_cache_set_dir(path)
pd_cache_get_dir()
pd_cache_list()
pd_cache_delete(file)
pd_cache_clear()
```

Arguments

path character, directory to set
file Character, the file to delete

Details

The default cache directory is `~/ . cache/R/popdata`, but you can set your own path using `pd_cache_set_dir()`

Value

the cache directory
the cache directory
list of files in the cache

Examples

```
## Not run:  
pd_cache  
## change the default cache directory  
tmp <- tempdir()  
pd_cache_set_dir(tmp)  
  
## print current cache directory  
pd_cache_get_dir()  
  
## List available files in the current cache directory  
pd_cache_list()  
  
l <- pd_cache_list()[1] ## get the first file  
pd_cache_delete(l) ## delete it  
  
pd_cache_clear() ## delete all cached files  
  
## End(Not run)
```

pd_countries

Country metadata

Description

Information on the countries covered by the UNHCR Population Statistics Reference platform.

Usage

pd_countries

Format

A data-frame with 226 rows and 15 variables:

bureau The UNHCR bureau name.

code The three character UNHCR code for each country (e.g. "ICO"). Note that to support the data, two non-standard codes are used for which no ISO codes are available: a. STA for Stateless; b. UKN for Unknown/other.

iso The three character ISO code for each country (e.g. "CIV").

iso2 The two character ISO code for each country (e.g. "CI").

name The country name.

nameOrigin The name of the country when presented as a country of origin. Typically this is the same as the country name.

nameLong The full country name.

nameShort The official abbreviated country name.

nameFormal The official country name.

nationality The nationality of individuals from the country.

majorArea The UNSD region.

region The UNSD sub-region.

nameFr The official country name in French.

majorAreaFr The UNSD region in French.

regionFr The UNSD sub-region in French.

Source

<https://api.unhcr.org/population/v1/>

pd_login

Get Popdata session token

Description

Get Popdata session token

Usage

pd_login()

pd_memoise_clear	<i>Clear memory cache used to memoise popdata functions</i>
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Description

Clear memory cache used to memoise popdata functions

Usage

```
pd_memoise_clear()
```

popdata	<i>popdata</i>
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Description

R client for UNHCR popdata

Access UNHCR Popdata platform figures

Usage

```
popdata(
  report = c("asr", "mysr", "pf"),
  table = c("refugees", "refugeeLike", "returnees", "demographics", "idp", "rsd",
    "stateless", "oip", "other", "hostcommunity", "coo", "ppg", "specific", "as2",
    "comments"),
  year = 2022,
  quiet = getOption("popdata_quiet")
)

pd_asr(
  table = c("refugees", "refugeelike", "refugeeLike", "returnees", "demographics", "idp",
    "rsd", "stateless", "oip", "other", "hostcommunity", "hostCommunity", "as2",
    "comments"),
  year = 2022,
  quiet = getOption("popdata_quiet")
)

pd_mysr(
  table = c("refugees", "refugeeLike", "returnees", "idp", "rsd", "stateless", "other",
    "oip", "hostCommunity", "as2", "comments"),
  year = 2023,
  quiet = getOption("popdata_quiet")
)
```

```
pd_pf(  
  table = c("coo", "ppg", "specific"),  
  year = 2020,  
  quiet = getOption("popdata_quiet")  
)
```

Arguments

report	character, the type of report asr, mysr or pf
table	character, the indicator refugees, refugeeLike, returnees, demographics, idp, rsd, stateless, oip, other, hostcommunity, coo, ppg or specifics
year	integer, the year
quiet	logical, print message on updating session cookie or not. options(popdata_quiet = TRUE) can also be used

Value

A tibble

Author(s)

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Index

* datasets

pd_countries, 3

* package

popdata, 5

pd_asr (popdata), 5

pd_augment, 2

pd_cache, 2

pd_cache_clear (pd_cache), 2

pd_cache_delete (pd_cache), 2

pd_cache_get_dir (pd_cache), 2

pd_cache_list (pd_cache), 2

pd_cache_set_dir (pd_cache), 2

pd_countries, 3

pd_login, 4

pd_memoise_clear, 5

pd_mysr (popdata), 5

pd_pf (popdata), 5

popdata, 5

popdata-package (popdata), 5