

Package: popdata (via r-universe)

October 3, 2026

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

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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

Language en-US

VignetteBuilder knitr

Config/Needs/website unhcr-dataviz/unhcrtemplate

Config/pak/sysreqs chromium make libicu-dev libssl-dev libx11-dev

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

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RemoteUrl <https://github.com/PopulationStatistics/popdata>

RemoteRef HEAD

RemoteSha 15dd76ad62fe96f473170aecf0735107a50d36c9

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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>
----------	---

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	<i>Get Popdata session token</i>
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Description

Get Popdata session token

Usage

```
pd_login()
```

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

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

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