

Package ‘prisonbrief’

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Type Package

Title Downloads and Parses World Prison Brief Data

Version 0.1.0

URL <http://danilofreire.com/prisonbrief>

Description Download, parses and tidies information from the World Prison Brief project <<http://www.prisonstudies.org/>>.

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Encoding UTF-8

LazyData yes

Depends R (>= 3.0)

Imports httr (>= 1.2.1), tibble (>= 1.3.3), dplyr (>= 0.5.0), data.table (>= 1.10.4), magrittr (>= 1.5), rvest (>= 0.3.2), xml2 (>= 1.1.1), tidyr (>= 0.6.3), rlang (>= 0.1.1), passport (>= 0.1.1), rnaturalearth (>= 0.1.0), rnaturalearthdata (>= 0.1.0), stringr (>= 1.2.0)

RoxygenNote 6.0.1

Suggests testthat

NeedsCompilation no

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wbp_region_list *Lists all countries in a region*

Description

Creates a list of all countries in a given region.

Usage

```
wbp_region_list(region = c("Africa", "Asia", "Caribbean", "Central America",
  "Europe", "Middle East", "North America", "Oceania", "South America"))
```

Arguments

region character. Return details for all the countries in the particular region. For a list of the countries in each region, use wbp_region_list().

wpb_list *Available World Prison Brief countries*

Description

Prints a list of available countries to the console.

Usage

```
wpb_list()
```

wpb_series *Download and parse World Prison Brief time series data*

Description

Download and parse World Prison Brief time series data

Usage

```
wpb_series(country = NULL)
```

Arguments

country Country name, in the url-style used by the World Prison Brief. See note below.

Note

Important: the country names must be the *url* names associated with the country. These can be seen in the second column of the dataframe returned from `wpb_list()`. Most of these are simply lower-case versions of the country name, such as 'algeria'. Some, such as "American Samoa (USA)" are in the following format: `american-samoa-usa`.

<code>wpb_series_data</code>	<i>Time series data on global prison population.</i>
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Description

A dataset containing information on prison population rates and total population over several years.

Usage

```
wpb_series_data
```

Format

A data frame with 1567 rows and 4 variables.

Details

- `country` character.
- `year` numeric.
- `prison_population_total` numeric.
- `prison_population_rate` numeric.

<code>wpb_table</code>	<i>Download and parse World Prison Brief data</i>
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Description

Download and parse World Prison Brief data

Usage

```
wpb_table(region = c("Africa", "Asia", "Caribbean", "Central America",  
  "Europe", "Middle East", "North America", "Oceania", "South America", "All"),  
  country = NULL)
```

Arguments

region character. Return details for all the countries in the particular region. For a list of the countries in each region, use `wpb_region_list()`.

country character. If details of a specific country are required, the country can be specified by name. A non-NULL value for this parameter will void the region argument. For a list of country names, use `wpb_list()`.

Examples

```
## Not run:  
# Get details for Spain:  
espana <- wpb_table(country = "Spain")  
  
# Get details for Central America:  
CA <- wpb_table(region = "Central America")  
  
## End(Not run)
```

wpb_tables_data *Data on global prison population.*

Description

A dataset containing information on prison population for all countries available.

Usage

```
wpb_tables_data
```

Format

A data frame with 226 rows and 11 variables.

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