Package ‘owidR’

October 14, 2022

Type Package
Title Import Data from Our World in Data
Version 1.4.0
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Description Search and download the data used in over 3,000 Our World in Data charts.
Imports dplyr, rvest, readr, leaflet, stringr, ggplot2, sf, magrittr,
purrr, forcats, jsonlite, htmltools, xml2, curl, ggrepel,
scales, rlang, grDevices, httr, lifecycle
Depends R (>= 3.5.0)
License MIT + file LICENSE
Encoding UTF-8
Language en-GB
RoxygenNote 7.2.1
Suggests testthat (>= 3.0.0), utils, showtext, sysfonts, knitr,
  rmarkdown, plm, texreg
Config/testthat/edition 3
VignetteBuilder knitr
NeedsCompilation no
Repository CRAN
Date/Publication 2022-09-25 11:40:02 UTC

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owid

Get data from Our World in Data

Description
Get a dataset used in an OWID chart.

Usage
owid(chart_id = NULL, rename = NULL, tidy.date = TRUE, ...)

Arguments
- **chart_id**: The chart_id as returned by owid_search
- **rename**: Rename the value column. Currently only works if there is just one value column.
- **tidy.date**: If TRUE then a year column that should be a date column will automatically detected and transformed. If FALSE then the Year column will be kept as is. Defaults to TRUE.
- **...**: Not to be used.

Value
A tibble of an owid dataset with the added class `owid`.

Examples

```r
owid_search("emissions")
emissions <- owid("per-capita-ghg-emissions")
```
owid_covid

Get the Our World in Data covid-19 dataset

Description
Get the Our World in Data covid-19 dataset

Usage
owid_covid()

Value
A dataframe with multiple variables on the covid-19 pandemic.

owid_search
Search the data sources used in OWID charts

Description
Search the data sources used in OWID charts

Usage
owid_search(term)

Arguments
term A search term

Value
A matrix of chart titles and chart ids

Examples
# returns the titles and chart_ids of all charts containing the word 'emissions'
owid_search("emissions")
owid_source

Get source information on an OWID dataset

Description
A function to get source information from an OWID dataset and display it in the R console.

Usage
owid_source(data)

Arguments
data A tibble returned from owid().

Value
Displays the information in an easy to read format in the R console, also returns a list of data information.

Examples

rights <- owid("human-rights-scores")
owid_source(rights)

colour palettes based on the colours used by Our World in Data

Description
Colour palettes based on the colours used by Our World in Data

Usage
colour palettes based on the colours used by Our World in Data

Arguments
alpha Transparency level, a real number in (0, 1).

Value
A ggproto object to be used in the context of ggplot2.
**scale_fill_owid**  

*Our World in Data Colour Scales*

**Description**

[Deprecated]

These functions have been deprecated to simplify the owidR package, you are encouraged to use ggplot2 instead: https://ggplot2-book.org

**Usage**

scale_fill_owid(alpha = 1, ...)

scale_colour_owid(alpha = 1, ...)

scale_color_owid(alpha = 1, ...)

**Arguments**

- **alpha**  
  Transparency level, a real number in (0, 1).
- **...**  
  additional parameters for `ggplot2::discrete_scale()`

**Value**

A ggproto object to be used in the context of ggplot2.

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**theme_owid**  

*ggplot2 Theme in the Style of Our World in Data*

**Description**

[Deprecated]

This function was deprecated to simplify the owidR package, you are encouraged to instead learn ggplot2: https://ggplot2-book.org

**Usage**

theme_owid(import_fonts = TRUE)

**Arguments**

- **import_fonts**  
  Import the fonts used by Our World in Data

**Value**

A ggplot2 theme to be added to a ggplot2 plot.
view_chart

Description

A function that opens the original OWID chart in your browser.

Usage

view_chart(x)

Arguments

x

Either a tibble returned by owid(), or a chart_id.

Value

Opens the chart in your browser.

Examples

firearm_suicide <- owid("suicide-rate-by-firearm")
view_chart(firearm_suicide)

world_map_data

Get world map data.

Description

Function that returns a simple feature collection of class sf. Map data is from naturalearthdata.com. Designed to be used internally.

Usage

world_map_data()

Value

An object of class sf.
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