Package ‘owidR’

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Type Package

Title Import Data from Our World in Data

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Description Search and download the data used in over 3,000 Our World in Data charts.

https://github.com/owid/covid-19-data/

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)

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VignetteBuilder knitr

NeedsCompilation no

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owid

Get data from Our World in Data

Description

Get a dataset used in an OWID chart.

Usage

```r
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

```r
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

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

---

# pal_owid

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

```r
pal_owid(alpha)
```

## 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.

---

**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  View an OWID chart in your browser

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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