Package ‘owidR’

October 30, 2023

Type Package

Title Import Data from Our World in Data

Version 1.4.2

Description Import data from ‘Our World in Data’, an organisation which publishes research and data on global economic and social issues.

URL <https://github.com/piersyork/owidR>,
<https://ourworldindata.org/>,
<https://github.com/owid/covid-19-data/>

Imports data.table, rvest, jsonlite, httr, xml2, purrr, curl, magrittr

Depends R (>= 3.5.0)

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Encoding UTF-8

Language en-GB

RoxygenNote 7.2.3

Suggests testthat (>= 3.0.0), utils, knitr, rmarkdown

Config/testthat/edition 3

NeedsCompilation no

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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 their 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 data.table 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 dataset 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)
```

Description

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

Usage

```r
view_chart(x)
```

Arguments

- `x` Either a dataset returned by `owid()`, or a chart_id.

Value

Opens the chart in your browser.

Examples

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