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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R topics documented:

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

```
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.

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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 chard 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

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

---

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 dataset 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)
```

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