

Package ‘rgho’

October 14, 2022

Title Access WHO Global Health Observatory Data from R

Version 3.0.0

Description Access WHO Global Health Observatory
(<https://www.who.int/data/gho/>)
data from R via the `OData` API
(<https://www.who.int/data/gho/info/gho-odata-api>),
an application program interface providing
a simple query interface to the World
Health Organization's data and statistics content.

License GPL (>= 3)

Depends R (>= 3.6.0)

Imports curl (>= 4.3.0), dplyr (>= 1.0.0), httr (>= 1.4.0), magrittr
(>= 2.0.0), tibble (>= 3.0.0), tidyr (>= 1.2.0), rlang (>=
1.0.0), ODataQuery (>= 0.5.3), lifecycle (>= 1.0.0)

Suggests testthat, knitr, rmarkdown

VignetteBuilder knitr

RoxygenNote 7.2.0

BugReports <https://github.com/aphp/rgho/issues>

Encoding UTF-8

NeedsCompilation no

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Repository CRAN

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get_gho_data	<i>Returns GHO Data</i>
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Description

Given a code, returns the corresponding GHO data.

Usage

```
get_gho_data(code, filter = NULL)
```

Arguments

code	A GHO code.
filter	A named list of filtering parameters. Each parameter must be the correct type.

Details

Filtering parameters are given as a named list of the form `list(COUNTRY = "FRA", ...)`.

If you mispecify the filtering parameter, you will get a 400 Bad Request Error

Value

A GHO object

Examples

```
## Not run:
result <- get_gho_data(
  code = "MDG_0000000001"
)
print(result, width = Inf)

result <- get_gho_data(
  code = "MDG_0000000001",
  filter = list(
    REGION = "EUR",
    YEAR = 2015
  )
)
print(result, width = Inf)

## End(Not run)
```

rg	<i>rg: Access WHO Global Health Observatory Data From R</i>
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Description

Access WHO Global Health Observatory data from R via the OData API, an application program interface providing a simple query interface to the World Health Organization's data and statistics content.

search_gho	<i>Search Codes or Dimensions Labels</i>
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Description

Search Codes or Dimensions Labels

Usage

```
search_gho(gho, x)
search_dimensions(x)
search_values(x, dimension = "GHO")
```

Arguments

gho	An object from get_gho_dimensions or get_gho_values .
x	A character string to find in GHO labels.
dimension	A GHO dimension where codes will be searched.

Value

A GHO object

Examples

```
search_values("neonatal", dimension = "GHO")

result <- get_gho_values(dimension = "REGION")
search_gho(result, "asia")
```

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