

Package: milRex (via r-universe)

March 3, 2025

Title Query Military Expenditure Data From SIPRI

Version 1.1.0

Description Queries data from the Military Expenditure Database by SIPRI.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Imports base64enc, cachem, dplyr, httr2, janitor, memoise, purrr, readxl, rlang, stringr, tidyr, tidysselect

URL <https://datapumpnickel.github.io/milRex/>

BugReports <https://github.com/datapumpnickel/milRex/issues>

Depends R (>= 2.10)

LazyData true

Suggests callr, fs, lubridate, ggplot2, httpptest2, knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

VignetteBuilder knitr

Config/pak/sysreqs libicu-dev libssl-dev

Repository <https://r-multiverse-staging.r-universe.dev>

RemoteUrl <https://github.com/datapumpnickel/milRex>

RemoteRef 3a8c6096b0e162445f119fc2dfc46ff41d0089ba

RemoteSha 3a8c6096b0e162445f119fc2dfc46ff41d0089ba

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 sipri_get_data

Get data from SIPRI Military Expenditure (Milex) Database

Description

The `sipri_get_data` function retrieves military expenditure data from the SIPRI Milex database. It provides multiple indicators including constant USD, current USD, share of GDP, and more. You can also join footnotes to the results and enable caching for faster queries.

Usage

```
sipri_get_data(
  indicator = "constantUSD",
  verbose = FALSE,
  footnotes = FALSE,
  cache = TRUE
)
```

Arguments

<code>indicator</code>	Character vector. The type of data to download. Must be one of: "constantUSD", "currentUSD", "shareOfGDP", "shareGovt", "regionalTotals", "currencyFY", "currencyCY", "perCapita", or "all". Default is "constantUSD".
<code>verbose</code>	Logical. If TRUE, prints additional details about the query process. Default is FALSE.
<code>footnotes</code>	Logical. If TRUE, joins footnotes to the result table. Default is FALSE.
<code>cache</code>	Logical. If TRUE, caches the response and processed data to avoid re-querying. Default is TRUE.

Value

A tibble containing the requested data.

Examples

```
## Not run:
# Retrieve military expenditure data in constant 2022 USD
milex_data <- sipri_get_data(indicator = "constantUSD",
  verbose = TRUE,
  footnotes = TRUE)

# Retrieve regional totals without caching
regional_totals <- sipri_get_data(indicator = "regionalTotals", cache = FALSE)

## End(Not run)
```

sipri_regions	<i>Regions data by SIPRI</i>
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Description

ISO3 Country codes and regional codes used by SIPRI for matching to the data.

Usage

```
sipri_regions
```

Format

```
sipri_regions:
```

A data frame with 7,240 rows and 60 columns:

region Region name

iso3c 3 letter ISO country codes

country Country name

Source

<https://milex.sipri.org/sipri>

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