Package ‘spiR’

January 23, 2020

Type Package

Title Wrapper for the Social Progress Index Data

Version 0.1.1

Description
In 2015, The 17 United Nations’ Sustainable Development Goals were adopted. ‘spiR’ is a wrapper of several open datasets published by the Social Progress Imperative (<https://www.socialprogress.org/>), including the Social Progress Index (a synthetic measure of human development across the world). ‘spiR’’s goal is to provide data to help policymakers and researchers prioritize actions that accelerate social progress across the world in the context of the Sustainable Development Goals. Please cite: Warin, Th. (2019) "spiR: An R Package for the Social Progress Index", <doi:10.6084/m9.figshare.11421573>.

Imports gsheet, dplyr, reshape2

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Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

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sqs_spi_country

Description
This function allows you to find and search the right country code associated with the Social Progress Index’s Data. If no argument is filed, all indicators will be displayed.

Usage
sqs_spi_country(country)

Arguments
country The name of the country.

Value
Country’s ISO code.

See Also
sqs_spi_indicator for the SPI’s indicators and sqs_spi_data to collect data when you have both indicator and country code.

Examples
mycountry <- sqs_spi_country()
mycountry <- sqs_spi_country(country = "Canada")
mycountry <- sqs_spi_country("Canada")

sqs_spi_data

Description
This function allows you to find and display the Social Progress Index data according to the selected parameters. If no arguments are filled, all data will be displayed.

Usage
sqs_spi_data(
    country = data_long_country,
    years = data_long_year,
    indicators = data_long_indicator
)

sqs_spi_indicator

Arguments

- **country**: Countries’ ISO code.
- **years**: Years for which you want data.
- **indicators**: Indicators from the Social Progress Index.

Value

Data for the country, indicator and year requested

See Also

- *sqs_spi_indicator* for the SPI’s indicator symbol and *sqs_spi_country* for the country’s ISO code.

Examples

```r
myData<- sqs_spi_data(country = c("USA", "FRA"), years = "2018", )
myData<- sqs_spi_data(country = c("USA", "FRA"), year = c("2018", "2019"), indicators = "SPI")
myData<- sqs_spi_data("USA", "2019", c("SPI", "FOW"))
myData<- sqs_spi_data(, "2018", )
myData<- sqs_spi_data("USA", "2017", )
myData<- sqs_spi_data("USA", , )
myData<- sqs_spi_data(, , )
myData<- sqs_spi_data()
```

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**sqs_spi_indicator**

**sqs_spi_indicator**

Description

This function allows you to find and search the right indicator code from the Social Progress Index you want to use. If no argument is filed, all indicators will be displayed.

Usage

`sqs_spi_indicator(indicators)`

Arguments

- **indicators**: An indicator from the Social Progress Index.

Value

Indicator code from the Social Progress Index.
See Also

`sqs_spi_country` for the SPI’s country code and `sqs_spi_data` to collect data when you have both indicator and country code.

Examples

```r
myIndicator <- sqs_spi_indicator()
myIndicator <- sqs_spi_indicator(indicators = "mortality")
myIndicator <- sqs_spi_indicator("mortality")
```
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