Package ‘spiR’

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Type Package

Title Wrapper for the Social Progress Index Data

Version 0.2.1

Description

Imports gsheet, dplyr, reshape2, ggplot2, ggsci, readr, lubridate

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

URL https://github.com/warint/spiR/

BugReports https://github.com/warint/spiR/issues/

NeedsCompilation no

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**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**

```r
spir_country(country)
```

**Arguments**

- `country` The name of the country.

**Value**

Country’s ISO code.

**See Also**

- `spir_indicator` for the SPI’s indicators and `spir_data` to collect data when you have both indicator and country code.

**Examples**

```r
mycountry <- spir_country()
mycountry <- spir_country(country = "Canada")
mycountry <- spir_country("Canada")
```
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. This function will be removed in the next version and replaced by the simpler function `spir_country()`

Usage

`sqs_spi_country(country)`

Arguments

country The name of the country.

Value

Country’s ISO code.

See Also

`spir_indicator` for the SPI’s indicators and `spir_data` to collect data when you have both indicator and country code.

Examples

```r
mycountry <- sqs_spi_country()
mycountry <- sqs_spi_country(country = "Canada")
mycountry <- sqs_spi_country("Canada")
```

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

`spir_data(country = spi_country, years = spi_year, indicators = 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

- `spir_indicator` for the SPI's indicator symbol and `spir_country` for the country's ISO code.

Examples

```r
myData<- spir_data(country = c("USA", "FRA"), years = "2018", )
myData<- spir_data(country = c("USA", "FRA"), year = c("2018", "2019"), indicators = "SPI")
myData<- spir_data("USA", "2019", c("SPI", "FOW"))
myData<- spir_data(, "2018", )
myData<- spir_data("USA", "2017", )
myData<- spir_data("USA", , )
myData<- spir_data(, , )
myData<- spir_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. This function will be removed in the next version and replaced by the simpler function `spir_data()`.

Usage

```r
sqs_spi_data(
  country = spi_country,
  years = spi_year,
  indicators = 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**

*spir_indicator* for the SPI’s indicator symbol and *spir_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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**spir_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**

```r
spir_indicator(indicators)
```

**Arguments**

- `indicators`  An indicator from the Social Progress Index.

**Value**

Indicator code from the Social Progress Index.

**See Also**

*spir_country* for the SPI’s country code and *spir_data* to collect data when you have both indicator and country code.

**Examples**

```r
myIndicator <- spir_indicator()
myIndicator <- spir_indicator(indicators = "mortality")
myIndicator <- spir_indicator("mortality")
```
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. This function will be removed in the next version and replaced by the simpler function 'spir_indicator()'.

Usage
sqs_spi_indicator(indicators)

Arguments
indicators An indicator from the Social Progress Index.

Value
Indicator code from the Social Progress Index.

See Also
spir_country for the SPI's country code and spir_data to collect data when you have both indicator and country code.

Examples
myIndicator <- sqs_spi_indicator()
myIndicator <- sqs_spi_indicator(indicators = "mortality")
myIndicator <- sqs_spi_indicator("mortality")

Description
This function allows you to create 2 types of visuals: bar and line charts.

Usage
spir_visual(
    chart = "bar_1",
    indicator = "SPI",
    years = max(SPI_data$year),
    title = TRUE
)
Arguments

chart: Type of charts.
indicator: An indicator from the Social Progress Index.
years: A chosen year
title: Chart title, set by default to TRUE

Value

Chosen Graph

Examples

spir_visual(chart = "bar_1", indicator = "SPI", years = "2020")
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