

Package ‘spiR’

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Type Package

Title Wrapper for the Social Progress Index Data

Version 0.2.1

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.v2>.

Imports gsheets, 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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spir_country	<i>spir_country</i>
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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

```
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

```
mycountry <- spir_country()
mycountry <- spir_country(country = "Canada")
mycountry <- spir_country("Canada")
```

spiR_country-deprecated
sqs_spi_country (deprecated)

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

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

spir_data *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.

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

```
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()
```

spir_data-deprecated *sqs_spi_data (deprecated)*

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

```
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

```
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()
```

spir_indicator	<i>spir_indicator</i>
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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

```
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

```
myIndicator <- spir_indicator()
myIndicator <- spir_indicator(indicators = "mortality")
myIndicator <- spir_indicator("mortality")
```

spir_indicator-deprecated
sqs_spi_indicator(deprecated)

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")
```

spir_visual *spir_visual*

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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