

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 gsheets, dplyr, reshape2

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

Author Thierry Warin [aut, cre] (<<https://orcid.org/0000-0002-5921-3428>>)

Maintainer Thierry Warin <thierry.warin@skema.edu>

Repository CRAN

Date/Publication 2020-01-23 16:20:02 UTC

R topics documented:

sqs_spi_country	2
sqs_spi_data	2
sqs_spi_indicator	3

Index	5
--------------	----------

sqs_spi_country	<i>sqs_spi_country</i>
-----------------	------------------------

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	<i>sqs_spi_data</i>
--------------	---------------------

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
)
```

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

```
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()
```

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

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

Index

sqs_spi_country, 2, 3, 4
sqs_spi_data, 2, 2, 4
sqs_spi_indicator, 2, 3, 3