Package 'FAOSYB'

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Type Package

Title The graphic library of the Statistical Year Book of the Food and Agriculture Organization of the United Nation.

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Description The package comprise functions for the plots used in the FAO statistical Yearbook.

License GPL (>= 2)

Depends ggplot2 (>= 0.8.9), plyr (>= 1.7.1), RColorBrewer (>= 1.0-5),reshape2 (>= 1.2.1), maptools (>= 0.8-16), classInt (>= 0.1-18), rgdal (>= 0.7-19), sp (>= 1.0-1), gpclib(>= 1.5-1),labeling (>= 0.1), FAOSTAT (>= 1.0)

LazyData yes

ZipData no

Collate 'FAOSYB-package.R' 'GAULspatialPolygon.R' 'map_breaks.R''plot_color.R' 'plot_data.R' 'plot_dictionary.R' 'plot_map.R''pl

R topics documented:

FAOSYB-package *Package to provide a harmonized framework to deal with official statistics from different sources.*

Description

Package to facilitate the use of data from FAO and World Bank

Details

Package:	FAOSYB
Type:	Package
Version:	0.1
Date:	2013-01-03
License:	GPL (>= 2)
LazyLoad:	yes

Author(s)

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GAULspatialPolygon *The GAUL map border*

Description

The geographic polygon used in the statistical year book

map_breaks *Function to create the discrete interval*

Description

This only a wrapper function to round the numbers in the middle. The classIntervals function is highly recommended. We only wrote this because for reporting purposes.

Usage

```
map_breaks(value, n, style = "jenks")
```

plot_colors *Pre-defined color for the statistical year book*

Description

Pre-defined color for the statistical year book

Usage

```
plot_colors(part = 1, n = 5)
```

Arguments

part	Which color pallete to use

plot_data *Function to manipulate the data*

Description

Function to manipulate the data

Usage

```
plot_data(x, y, group, subset, type, data, scale,
  nCnty = nCnty, env = .GlobalEnv)
```

plot_dictionary *Predefined plots*

Description

Predefined plots

Usage

```
plot_dictionary(x, y, group, type, data, x_lab, y_lab,
  legend_lab, col_pallete)
```

plot_map *A function for plotting choropleth map*

Description

A function for plotting choropleth map

Usage

```
plot_map(shpFile, var, data, countryCode = "FAOST_CODE",
  n = 5, style = "jenks", manualBreaks,
  col = c("#F5F5F5", "#C8E2DE", "#9CCFC7", "#70BCB0", "#44AA99"),
  missCol = "#8B8878", missLabel = "No data available",
  subset = TRUE, scale = 1,
  shpProj = "+proj=robin +ellps=WGS84",
  outProj = "+proj=robin")
```

plot_syb *A function for standardised SYB plots*

Description

A function for standardised SYB plots

Usage

```
plot_syb(x, y, group = NULL, type, subset = TRUE, data,
  scale = 1, x_lab = NULL, y_lab = NULL,
  legend_lab = NULL, col_pallete, nCnty = 20)
```

Arguments

x

y

data

group

type

x_lab

y_lab

legend_lab

theme_syb *Load the pre-defined ggplot theme*

Description

Load the pre-defined ggplot theme

Usage

```
theme_syb(part)
```

Index