Package ‘minimap’
August 29, 2016

Type Package
Title Create Tile Grid Maps
Version 0.1.0
Date 2016-02-17
Description Create tile grid maps, which are like choropleth maps except each region is represented with equal visual space.
Depends R (>= 3.1.0), graphics
Suggests testthat
License MIT + file LICENSE
LazyData TRUE
Encoding UTF-8
URL http://github.com/seankross/minimap
RoxygenNote 5.0.1
NeedsCompilation no
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Repository CRAN
Date/Publication 2016-02-18 06:51:34

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### canada_abb

**Postal Abbreviations for Canada**

**Description**
Postal Abbreviations for Canada

**Usage**
canada_abb

**Format**
An object of class character of length 13.

**Examples**
```r
## Not run:
canada_abb

## End(Not run)
```

### maple

**Production and farm value of maple products in Canada**

**Description**
Production and farm value of maple products in Canada

**Usage**
maple

**Format**
A data frame with columns:
- **Year**: A value between 1924 and 2015.
- **Syrup**: Maple products expressed as syrup, total in thousands of gallons.
- **CAD**: Gross value of maple products in thousands of Canadian dollars.
- **Region**: Postal code abbreviation for territory or province.

**Source**
mexico_abb

Examples

```r
## Not run:
maple

## End(Not run)
```

---

**mexico_abb**

**Postal Abbreviations for Mexico**

**Description**

Postal Abbreviations for Mexico

**Usage**

mexico_abb

**Format**

An object of class character of length 32.

**Examples**

```r
## Not run:
mexico_abb

## End(Not run)
```

---

**milk**

**Monthly milk production in Canada**

**Description**

Monthly milk production in Canada

**Usage**

milk

**Format**

A data frame with columns:

- **Year**  A value between 1976 and 2015.
- **Month**  A value between 1 and 12.
- **Region**  Postal code abbreviation for territory or province.
- **Kiloliters**  Milk sold off farms in kiloliters.
minicanada  

**Source**


**Examples**

```r
## Not run:
milk
## End(Not run)
```

---

**minicanada**  

*Make a tile grid map of Canada*

**Description**

Make a tile grid map of Canada

**Usage**

```r
minicanada(pt, pt_colors, border_colors = rep("white", 13), pt_names = TRUE,
            pt_name_colors = rep("white", 13), pt_name_cex = 1, font = NULL)
```

**Arguments**

- **pt**  
  A vector of Canadian province and territory postal abbreviations. This vector must be some permutation of canada_abb.
- **pt_colors**  
  A vector of "colors" in the R sense. For example strings ("blue"), hex codes ("#D0C7B9"), etc. The ith color in this vector will be the color of square that represents the ith element of pt.
- **border_colors**  
  Like pt_colors but specifying the border of the square.
- **pt_names**  
  Should the postal codes for each province or territory be displayed in the center of the province or territory? The default value is TRUE.
- **pt_name_colors**  
  Like pt_colors but specifying the color of the text displayed in each province or territory.
- **pt_name_cex**  
  The size of the text displayed inside of each province or territory.
- **font**  
  The font of the text displayed inside of each province or territory. The values "serif", "sans", and "mono" are safest to use. Use other fonts at your own risk. If NULL a sans-style font will be used.

**Examples**

```r
## Not run:
minicanada(canada_abb, 1:13)
## End(Not run)
```
minimexico

Make a tile grid map of Mexico

Description
Make a tile grid map of Mexico

Usage
minimexico(estados, estados_colors, border_colors = rep("white", 32),
estados_names = TRUE, estados_name_colors = rep("white", 32),
estados_name_cex = 1, font = NULL)

Arguments
estados A vector of Mexican state postal abbreviations. This vector must be some permutation of mexico_abb.
estados_colors A vector of "colors" in the R sense. For example strings ("blue"), hex codes ("#0000FF"), etc. The ith color in this vector will be the color of square that represents the ith element of estados.
border_colors Like estados_colors but specifying the border of the square.
estados_names Should the postal codes for each state be displayed in the center of the state? The default value is TRUE.
estados_name_colors Like estados_colors but specifying the color of the text displayed in each state.
estados_name_cex The size of the text displayed inside of each state.
font The font of the text displayed inside of each state. The values "serif", "sans", and "mono" are safest to use. Use other fonts at your own risk. If NULL a sans-style font will be used.

Examples
## Not run:
minimexico(mexico_abb, 1:32)

## End(Not run)
miniusa

Make a tile grid map of The United States of America

Description

Make a tile grid map of The United States of America

Usage

miniusa(statesL state_colorsL border_colors = rep("white", 51),
state_names = TRUE, state_name_colors = rep("white", 51),
state_name_cex = 1, font = NULL)

Arguments

states A vector of US state postal abbreviations. This vector must be some permutation of usa_abb.

state_colors A vector of "colors" in the R sense. For example strings ("blue"), hex codes ("#00C789"), etc. The ith color in this vector will be the color of square that represents the ith element of states.

border_colors Like state_colors but specifying the border of the square.

state_names Should the postal codes for each state be displayed in the center of the state? The default value is TRUE.

state_name_colors Like state_colors but specifying the color of the text displayed in each state.

state_name_cex The size of the text displayed inside of each state.

font The font of the text displayed inside of each state. The values "serif", "sans", and "mono" are safest to use. Use other fonts at your own risk. If NULL a sans-style font will be used.

Examples

### Not run:

miniusa(state_abbL 1:U1)

### End(Not run)
**ssm**

*Same sex marriage in the US*

**Description**
Changes in the legality of same sex marriage in the United States over time.

**Usage**

`ssm`

**Format**
A data frame with columns:

- **State**  
  State Abbreviation

- **Status**  
  Legal status. Either bbs meaning banned by statute, nl meaning not legal, legal, bbca meaning banned by constitutional amendment, or dis meaning disputed.

- **Year**  
  Year status went into effect.

**Source**


**Examples**

```r
## Not run:
ssm

## End(Not run)
```

---

**usa_abb**

*Postal Abbreviations for The United States of America*

**Description**
Postal Abbreviations for The United States of America

**Usage**

`usa_abb`

**Format**
An object of class character of length 51.
Examples

## Not run:

usa_abb

## End(Not run)
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