Package 'minimap'

October 13, 2022

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

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LazyData TRUE

Encoding UTF-8

URL <http://github.com/seankross/minimap>

RoxygenNote 5.0.1

NeedsCompilation no

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Repository CRAN

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R topics documented:

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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

```
## 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

Statistics Canada. Table 001-0008 - Production and farm value of maple products, annual. http://www5.statcan.gc.ca/cansim/

Examples

```
## 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

```
## 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.

Source

Statistics Canada. Table 003-0011 - Milk production and utilization, monthly. http://www5.statcan.gc.ca/cansim/

Examples

```
## Not run:
 milk

## End(Not run)
```

---

minicanada   *Make a tile grid map of Canada*

Description

Make a tile grid map of Canada

Usage

```
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

```
## 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 per-
                   mutation of mexico_abb.

estados_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 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(states, state_colors, 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 ("#D0C7B9"), 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_abb, 1:51)

## 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 ammendment, or `dis` meaning disputed.

Year Year status went into effect.

Source

<http://www.nytimes.com/interactive/2015/03/04/us/gay-marriage-state-by-state.html>

Examples

```
## 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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