

Package ‘ggswissmaps’

November 7, 2014

Title Offers Various Swiss Maps as ggplot2 Objects

Description Offers various swiss maps as ggplot2 objects and gives the possibility to add layers of data on the maps. Data are publicly available from the swiss federal statistical office.

Version 0.0.2

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Depends R (>= 2.10), ggplot2

Suggests plyr, reshape2, testthat

NeedsCompilation no

Repository CRAN

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`ggswissmaps`*Offers various swiss maps as ggplot2 objects.*

Description

Offers various swiss maps as ggplot2 objects and gives the possibility to add layers of data on the maps. Data are publicly available from the swiss federal statistical office.

Details

There are only two objects in package **ggswissmaps**: `theme_white` (for white background of ggplot2 objects) and `maps` (a list of 8 swiss maps).

`maps`*A list with 8 maps of Switzerland's territory at various levels.*

Description

Every element of the list is a ggplot2 object which is already ready to plot.

- `distretti`. Swiss districts
- `comuni`. Swiss communes (2014)
- `boh`. Don't know
- `boh2`. Don't know 2
- `cantoni`. Swiss cantons
- `ch`. Swiss national boundaries
- `gr`. Swiss big regions (NUTS3)

Format

A list with 16 ggplot2 maps with swiss territory

Source

<http://www.bfs.admin.ch/bfs/portal/fr/index/dienstleistungen/geostat/datenbeschreibung.html>

Examples

```
data(maps)
maps[[1]]
names(maps)
maps[["cantoni"]]
str(maps[["cantoni"]])
str(maps[["cantoni"]]$data)
```

theme_white	<i>theme_white is a ggplot2 theme object and can be added to a ggplot2 object to eliminate axes, ticks and put white background</i>
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Description

theme_white is a ggplot2 theme object and can be added to a ggplot2 object to eliminate axes, ticks and put white background

Usage

```
theme_white
```

Format

List of 8

```
$ axis.title      : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ axis.text       : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ axis.ticks      : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ axis.line       : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ panel.background: list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ panel.border    : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ panel.margin    : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
$ panel.grid      : list()
  ..- attr(*, "class")= chr [1:2] "element_blank" "element"
- attr(*, "class")= chr [1:2] "theme" "gg"
- attr(*, "complete")= logi FALSE
```

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