

Package ‘choroplethrAdmin1’

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Type Package

Title Contains an Administrative-Level-1 Map of the World

Version 1.1.1

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Description Contains an administrative-level-1 map of the world.
Administrative-level-1 is the generic term for the largest sub-national
subdivision of a country. This package was created for use with the
choroplethr package.

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URL <http://www.arilamstein.com/open-source>

Imports ggplot2

RoxygenNote 6.0.0

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Contents

admin1.map	2
admin1.regions	2
admin1_map	3
get_admin1_countries	3
get_admin1_map	4
get_admin1_regions	4

Index	6
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admin1.map

An Administrative Level 1 map of every country in the world

Description

"Administration Level 1" is the generic term for the largest subnational administrative unit of a country. This unit has different names depending on the country: for example, "state" in the USA and "prefecture" in Japan. In this data.frame the country name is in the column "admin" and the admin1 region name is in the column "region". Rather than working with this object directly, consider using the helper functions listed below.

Usage

```
data(admin1.map)
```

Note

This map is too large to efficiently render by itself with ggplot2. You should subset it by country before attempting to render. Please see the helper functions.

References

Taken from <http://www.naturalearthdata.com/downloads/10m-cultural-vectors/10m-admin-1-states-provinces/>. This is version 3.0.0 of the map and is considered to be beta. The wikipedia page on "Administrative division": http://en.wikipedia.org/wiki/Administrative_division

See Also

[admin1.regions](#), [get_admin1_regions](#), [admin1_map](#) and [get_admin1_map](#)

admin1.regions

*Names of all (country, region) pairs on the admin1.map data.frame.
Here "region" means "Administrative Level 1 Region".*

Description

Names of all (country, region) pairs on the admin1.map data.frame. Here "region" means "Administrative Level 1 Region".

Usage

```
data(admin1.regions)
```

See Also

[admin1.map](#), [get_admin1_regions](#), [admin1_map](#) and [get_admin1_map](#)

Examples

```
data(admin1.regions)
head(admin1.regions)
```

admin1_map	<i>Render an Administrative Level 1 map for a specified country</i>
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Description

Uses the map ?admin1.map.

Usage

```
admin1_map(country.name)
```

Arguments

country.name The name of the country you want to render.

See Also

[admin1.map](#), [admin1.regions](#), [get_admin1_regions](#), and [get_admin1_map](#)

Examples

```
## Not run:
admin1_map("japan")

admin1_map("canada")

## End(Not run)
```

get_admin1_countries	<i>Get all countries on the admin1 map</i>
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Description

Uses ?admin1.regions

Usage

```
get_admin1_countries()
```

Examples

```
get_admin1_countries()
```

get_admin1_map	<i>Get an admin1 map for a country</i>
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Description

Uses ?admin1.map. See ?admin1.regions for how countries are spelled in this map.

Usage

```
get_admin1_map(country.name)
```

Arguments

country.name The name of the country you want the admin1 map for.

See Also

[admin1.map](#), [admin1.regions](#), [get_admin1_regions](#) and [admin1_map](#)

Examples

```
## Not run:
japan.map = get_admin1_map("japan")

ggplot(japan.map, aes(long, lat, group=group)) +
  geom_polygon() +
  ggtitle("An admin1 map of Japan")

## End(Not run)
```

get_admin1_regions	<i>Get all admin1 region names for a given country</i>
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Description

Get all admin1 region names for a given country

Usage

```
get_admin1_regions(country.name)
```

Arguments

country.name The name of the country you want the admin1 region names of.

See Also

[admin1.map](#), [admin1.regions](#), [admin1_map](#) and [get_admin1_map](#)

Examples

```
get_admin1_regions("japan")  
get_admin1_regions("canada")
```

Index

`admin1.map`, [2](#), [2](#), [3–5](#)
`admin1.regions`, [2](#), [2](#), [3–5](#)
`admin1_map`, [2](#), [3](#), [4](#), [5](#)

`get_admin1_countries`, [3](#)
`get_admin1_map`, [2](#), [3](#), [4](#), [5](#)
`get_admin1_regions`, [2–4](#), [4](#)