

Package ‘rnaturalearthdata’

February 21, 2017

Title World Vector Map Data from Natural Earth Used in 'rnaturalearth'

Version 0.1.0

Description Vector map data from <<http://www.naturalearthdata.com/>>. Access functions are provided in the accompanying package 'rnaturalearth'.

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LazyData true

LazyDataCompression xz

URL <https://github.com/ropenscilabs/rnaturalearthdata>

BugReports <https://github.com/ropenscilabs/rnaturalearthdata/issues>

Depends R (>= 3.1.1)

Imports sp (>= 1.0.15)

Suggests knitr (>= 1.12.3), testthat (>= 0.9.1)

RoxygenNote 6.0.1

NeedsCompilation no

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Repository CRAN

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R topics documented:

| | |
|-----------------------------|----------|
| coastlines | 2 |
| countries | 2 |
| map_units | 3 |
| rnaturalearthdata | 3 |
| sovereignty | 4 |
| states | 4 |
| tiny_countries | 5 |
| Index | 6 |

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|------------|--|
| coastlines | <i>world coastlines from Natural Earth</i> |
|------------|--|

Description

coastline lines at scales 1:110m (small), 1:50m (medium). 1:10m (large) are in the package `rnatu-
rearthhires`.

Usage

```
coastline110
```

```
coastline50
```

Format

A `SpatialLinesDataFrame`

Source

http://www.naturalearthdata.com/download/110m/physical/ne_110m_coastline.zip

http://www.naturalearthdata.com/download/50m/physical/ne_50m_coastline.zip

| | |
|-----------|--|
| countries | <i>world country polygons from Natural Earth</i> |
|-----------|--|

Description

at scales 1:110m (small) and 1:50m (medium). 1:10m (large) are in the package `rnatu-
rearthhires`.

Usage

```
countries110
```

```
countries50
```

Format

A `SpatialPolygonsDataFrame`

Slots

`data` A data frame with country attributes

Source

http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_countries.zip

http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_countries.zip

map_units

world map_unit polygons from Natural Earth

Description

map_unit polygons at scales 1:110m (small), 1:50m (medium). 1:10m (large) are in the package `rnaturalearth`. There are more map_units than countries e.g. United Kingdom is split into England, Scotland, Wales and Northern Ireland.

Usage

```
map_units110
```

```
map_units50
```

Format

A `SpatialPolygonsDataFrame`

Slots

`data` A data frame with attributes

Source

http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_map_units.zip

http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_map_units.zip

`rnaturalearthdata`

rnaturalearthdata : World Vector Map Data from Natural Earth Used in 'rnatuarearth'

Description

holds data used by `rnatuarearth` package from **Natural Earth**.

`sovereignty`*world sovereignty polygons from Natural Earth*

Description

sovereignty polygons at scales 1:110m (small), 1:50m (medium). 1:10m (large) are in the package `rnaturalearth-hires`. There are fewer sovereign states than countries e.g. the Falkland Islands are included with the United Kingdom.

Usage`sovereignty110``sovereignty50`**Format**

A `SpatialPolygonsDataFrame`

Slots

`data` A data frame with attributes

Source

http://www.naturalearthdata.com/download/110m/cultural/ne_110m_admin_0_sovereignty.zip

http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_0_sovereignty.zip

`states`*state (admin level 1) polygons from Natural Earth*

Description

For Australia, Brazil, Canada and USA, at 1:50m (medium) resolution. The package `rnaturalearth-hires` has all world countries at 1:10m (high) resolution.

Usage`states50`**Format**

A `SpatialPolygonsDataFrame`

Slots

data A data frame with attributes

Source

http://www.naturalearthdata.com/download/50m/cultural/ne_50m_admin_1_states.zip

| | |
|-----------------------------|---|
| <code>tiny_countries</code> | <i>tiny countries points from Natural Earth</i> |
|-----------------------------|---|

Description

small country points at scales 1:110m (small), 1:50m (medium).

Usage

`tiny_countries110`

`tiny_countries50`

Format

A `SpatialPointsDataFrame`

Source

http://www.naturalearthdata.com/download/110m/physical/ne_110m_tiny_countries.zip

http://www.naturalearthdata.com/download/50m/physical/ne_50m_tiny_countries.zip

Index

*Topic **datasets**

- coastlines, [2](#)
- countries, [2](#)
- map_units, [3](#)
- sovereignty, [4](#)
- states, [4](#)
- tiny_countries, [5](#)

- coastline110 (coastlines), [2](#)
- coastline50 (coastlines), [2](#)
- coastlines, [2](#)
- coastlines110 (coastlines), [2](#)
- coastlines50 (coastlines), [2](#)
- countries, [2](#)
- countries110 (countries), [2](#)
- countries50 (countries), [2](#)

- map_units, [3](#)
- map_units110 (map_units), [3](#)
- map_units50 (map_units), [3](#)

- rnaturalearthdata, [3](#)
- rnaturalearthdata-package
 (rnaturalearthdata), [3](#)

- sovereignty, [4](#)
- sovereignty110 (sovereignty), [4](#)
- sovereignty50 (sovereignty), [4](#)
- states, [4](#)
- states50 (states), [4](#)

- tiny_countries, [5](#)
- tiny_countries110 (tiny_countries), [5](#)
- tiny_countries50 (tiny_countries), [5](#)