Package

June 3, 2019

Type Package

Title Loads shapefiles of the Brazilian Institute of Geography and Statistics (IBGE)

Date 2019-05-17

URL https://github.com/ipeaGIT/geobr

BugReports https://github.com/ipeaGIT/geobr/issues

Description geobr provides easy access to shapefiles of the Brazilian
Institute of Geography and Statistics (IBGE) and loads into R as 'sf' objects.
It includes a wide set of geographic datasets availabe at various geographic scales and for various years.

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Encoding UTF-8

LazyData TRUE

Depends R (>= 3.6.0)

Suggests ggplot2,
mapview

Imports dplyr,
magrittr,
readr,
sf,
stringr

RoxygenNote 6.1.1

R topics documented:

read_areaponderacao   *Title*

Description

Title

Usage

```
read_areaponderacao(CODE = NULL, year = NULL)
```

Arguments

year

Examples

```
## Not run:
# Exemplos
dados <- read_areaponderacao(year=2010)
dados <- read_areaponderacao(3500000,2010)
dados <- read_areaponderacao(123,2010)
dados <- read_areaponderacao("df",2010)
dados <- read_areaponderacao(1302603,2010)
dados <- read_areaponderacao(35)
dados <- read_areaponderacao(14,2010)
dados <- read_areaponderacao()

# mapa
library(mapview)
mapview(dados)

## End(Not run)
```

read_mesorregiao   *Title*

Description

Title

Usage

```
read_mesorregiao(year = NULL, cod_meso = NULL)
```

Arguments

cod_meso

---

read_microregiao   *Title*

Description

Title

Usage

```
read_microregiao(year = NULL, cod_micro = NULL)
```

Arguments

cod_micro

---

read_municipio   *Download shape files of municipalities*

Description

Download shape files of municipalities

Usage

```
read_municipio(year = NULL, cod_mun = NULL)
```

Arguments

year	the year of the data download (defaults to 2010)
cod_mun	7-digit code of the municipality. If a the two-digit code of a state is used, the function will load all munuciplaities of that state. If not informed, all municipalities will be loaded.

See Also

Other general area functions: read_uf

Examples

```
## Not run:

library(geobr)

# Read specific municipality at a given year
  mun <- read_municipio(cod_mun=1200179, year=2017)

# Read all municipalities of a state at a given year
  mun <- read_municipio(cod_mun=12, year=2010)


## End(Not run)
```

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read_uf   *Download shape files of state*

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Description

Download shape files of state

Usage

```
read_uf(year = NULL, cod_uf = NULL)
```

Arguments

year	the year of the data download (defaults to 2010)
cod_uf	2-digit state code. If not informed, all states will be loaded.

See Also

Other general area functions: read_municipio

Examples

```
## Not run:

library(geobr)

# Read specific municipality at a given year
  mun <- read_municipio(cod_uf=12, year=2017)

# Read al lstate at a given year
  mun <- read_municipio(cod_mun=12, year=2010)


## End(Not run)
```

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