

Package ‘owdbr’

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Title Open Welfare Data Brazil

Version 1.0.1.0

Description Tools for collecting municipal-level data <<http://www.transparencia.gov.br/swagger-ui.html>> from several Brazilian governmental social programs.

Depends R (>= 3.4.4)

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URL <https://github.com/kimjoaoun/owdbr>

Encoding UTF-8

LazyData true

Imports tibble, dplyr, httr, jsonlite, data.table, magrittr

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NeedsCompilation no

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getpbf_mun	<i>Collects municipal level data from the program BOLSA FAMILIA database.</i>
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Description

The program BOLSA FAMILIA is a brazilian social welfare program that provides financial aid for poor families. This function collects municipal level data from the program, some data like the number of citizens in a municipality which are enrolled in the program, and the total amount of money invested by the program in that city.

Usage

```
getpbf_mun(IBGECODE, AAAA, MM = NULL, PAGE = 1, YEARLY = TRUE)
```

Arguments

IBGECODE	IBGE unique identifier of the municipality which you want the data. The list of municipalities and its codes might be requested with the function <code>owdbr::munlist()</code>
AAAA	Year of the data (AAAA format)
MM	Month of the data (MM format)
PAGE	Request's page. In normal situations: <code>page=1</code> .
YEARLY	If True, it is not needed to fill the MM param, the package will request the data for the entire year (AAAA). Default= TRUE.

Value

a tibble with the requested data, if there are more than one IBGECODE, returns all of them in the same tibble.

dataReferencia Reference date

valor Amount of money invested in the municipality.

quantidadeBeneficiados Number of citizens wich are enrolled in the program in that moment

municipio.codigoIBGE IBGE code of the municipality.

municipio.nomeIBGE Name of the municipality.

municipio.pais Country of the municipality.

municipio.uf.sigla Abbreviation of name of the state in which the municipality is.

municipio.uf.nome Full name of the state in wich the municipality is.

tipo.id Type

tipo.descricao Abbreviation of the program's name.

tipo.descricaoDetalhada Full name of the program.

Author(s)

Joao Pedro Oliveira dos Santos, International Relations Institute, Pontifical Catholic University of Rio de Janeiro

Examples

```
## Not run:
getpbf_mun("3304557", AAAA = "2015", MM = "05", PAGE = 1, YEARLY = FALSE)

## End(Not run)
```

getpeti_mun	<i>Collects municipal level data from the PETI (Child Labour Erradication Program) database.</i>
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Description

PETI (Child Labour Erradication Program) is a brazilian social welfare program that provides financial support for poor families. Its objective is to protect these families children from any type of work before the age of 16 years old, with that, the Federal Government expect them to keep going to school. This function collects municipal level data from the program, some data like the number of citizens in a municipality which are enrolled in the program, and the total amount of money invested by the program in that city.

Usage

```
getpeti_mun(IBGECODE, AAAA, MM, PAGE = 1, YEARLY = TRUE)
```

Arguments

IBGECODE	IBGE Unique Identifier of the municipality which you want the data. The list of municipalities and its codes might be requested with the function <code>owdbr::munlist()</code>
AAAA	Year of the Data (AAAA format)
MM	Month of the Data (MM format)
PAGE	Request's page. Default= 1.
YEARLY	If True, it is not needed to fill the MM param, the package will request the data for the entire year (AAAA). Default= TRUE.

Value

a tibble with the requested data, if there are more than one IBGECODE, returns all of them in the same tibble.

dataReferencia Reference date

valor Amount of money invested in the municipality.

quantidadeBeneficiados Number of citizens wich are enrolled in the program in that moment

municipio.codigoIBGE IBGE code of the municipality.
municipio.nomeIBGE Name of the municipality.
municipio.pais Country of the municipality.
municipio.uf.sigla Abbreviation of name of the state in which the municipality is.
municipio.uf.nome Full name of the state in wich the municipality is.
tipo.id Type
tipo.descricao Abbreviation of the program's name.
tipo.descricaoDetalhada Full name of the program.

Author(s)

Joao Pedro Oliveira dos Santos, International Relations Institute, Pontifical Catholic University of Rio de Janeiro

Examples

```
## Not run:
getpeti_mun("3304557", AAAA = "2015", MM = "05", PAGE = 1, YEARLY=FALSE)

## End(Not run)
```

getsd_mun	<i>Collects municipal level data from the Seguro Defeso Program database.</i>
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Description

The program Seguro Defeso is a brazilian social welfare program that provides financial aid for fisherman and fisherwoman in periods in which this activity is prohibited by law due to the fish reproduction season. This function collects municipal level data from the program, some data like the number of citizens in a municipality which are enrolled in the program, and the total amount of money invested by the program in that city.

Usage

```
getsd_mun(IBGECODE, AAAA, MM = NULL, PAGE = 1, YEARLY = TRUE)
```

Arguments

IBGECODE	IBGE unique identifier of the municipality which you want the data. The list of municipalities and its codes might be requested with the function <code>owdbr::munlist()</code>
AAAA	Year of the data (AAAA format)
MM	Month of the data (MM format)
PAGE	Request's page. In normal situations: <code>page=1</code> .
YEARLY	If True, it is not needed to fill the MM param, the package will request the data for the entire year (AAAA). Default= TRUE.

Value

a tibble with the requested data, if there are more than one IBGECODE, returns all of them in the same tibble.

dataReferencia Reference date

valor Amount of money invested in the municipality.

quantidadeBeneficiados Number of citizens wich are enrolled in the program in that moment

municipio.codigoIBGE IBGE code of the municipality.

municipio.nomeIBGE Name of the municipality.

municipio.pais Country of the municipality.

municipio.uf.sigla Abbreviation of name of the state in which the municipality is.

municipio.uf.nome Full name of the state in wich the municipality is.

tipo.id Type

tipo.descricao Abbreviation of the program's name.

tipo.descricaoDetalhada Full name of the program.

Author(s)

Joao Pedro Oliveira dos Santos, International Relations Institute, Pontifical Catholic University of Rio de Janeiro

Examples

```
## Not run:
getsd_mun("3304557", AAAA = "2015", MM = "05", PAGE = 1, YEARLY = FALSE)

## End(Not run)
```

munlist

Get a tibble with a all municipalities from a State.

Description

Download a tibble with all the IBGECODE from municipality of the desired State.

Usage

```
munlist(UF_Num)
```

Arguments

UF_Num A number given by the IBGE (Brazilian Institute for Geography and Statistics) for each state, a list of them might be requested with the `owdbr::uflist()` function.

Value

a tibble with the requested data divided in 11 columns, if there are more than one IBGECODE, returns all of them in the same tibble.

dataReferencia Reference date

valor Amount of money invested in the municipality.

quantidadeBeneficiados Number of citizens wich are enrolled in the program in that moment

municipio.codigoIBGE IBGE code of the municipality.

municipio.nomeIBGE Name of the municipality.

municipio.pais Country of the municipality.

municipio.uf.sigla Abbreviation of name of the state in which the municipality is.

municipio.uf.nome Full name of the state in wich the municipality is.

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Author(s)

Joao Pedro Oliveira dos Santos, International Relations Institute, Pontifical Catholic University of Rio de Janeiro

Examples

```
## Not run:
munlist(11)

## End(Not run)
```

uflist

All the State's UF Codes.

Description

Returns a tibble which contains the IBGE identification code of each one of all 23 UFs (Units of the Federation) in Brazil.

Usage

```
uflist(region = NA)
```

Arguments

region filter the UFs (Units of the Federation or States) by geographical region. If NA, all state are shown. According to the Brazilian Institute of Geography and Statistics, the country is divided in 5 regions: "Norte", "Nordeste", "Centro-Oeste", "Sul" and "Sudeste".

Value

a tibble with 3 columns.

State The full name of the state.

UF The abbreviation of the state's name.

num The identification number of the state.

region Region of the country in which the State is located.

Author(s)

Joao Pedro Oliveira dos Santos, International Relations Institute, Pontifical Catholic University of Rio de Janeiro

References

Source: [IBGE \(Brazilian Institute of Geography and Statistics\)](#)

Examples

```
## Not run:  
uflist(reg = NA) # show all states of the country.  
uflist(region = "Sul") # only exhibit States in the 'Sul' region of the country.  
  
## End(Not run)
```

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