

Package ‘rfbCNPJ’

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Title Downloads and Parses Data from the Department of Federal Revenue in Brazil

Version 0.1.1

Description Downloads and parses data from official site on Department of Federal Revenue in Brazil (Receita Federal do Brasil, RFB). Data are collected from RFB site (<<http://idg.receita.fazenda.gov.br>>). Latest update was in December 15, 2017. There are more than 9 million companies IDs and 17 million partner information.

Depends R (>= 3.4)

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URL <https://github.com/jtrecenti/rfbCNPJ>

BugReports <https://github.com/jtrecenti/rfbCNPJ/issues>

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports magrittr, fs, purrr, httr, xml2, readr, stringr, tibble, glue, progress

Suggests dplyr, tidyr

NeedsCompilation no

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Repository CRAN

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qualificacao	<i>Partners participation type description</i>
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Description

A dataset description of participation types in RFB partner (socios) data.

Usage

```
qualificacao
```

Format

A data frame with 40 rows and 2 variables:

qualificacao Code to be joined with company partners data

qualificacao_nm Description of participation type ...

Source

http://idg.receita.fazenda.gov.br/orientacao/tributaria/cadastros/cadastro-nacional-de-pessoas-juridicas/Qualificacao_socio.pdf

rfb_download	<i>Download RFB files</i>
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Description

Downloads RFB fixed width files from selected UFs.

Usage

```
rfb_download(ufs = NULL, path, verbose = TRUE)
```

Arguments

ufs	character vector of UFs to download. If NULL (default), downloads all UFs.
path	path to download the files.
verbose	print status messages

Value

character vector containing full paths of downloaded files.

This function needs internet connection. It does not overwrite existing files.

Examples

```
rfb_download("AC", path = file.path(tempdir(), "txt_files"))  
rfb_download(c("AC", "RR"), path = file.path(tempdir(), "txt_files"))
```

rfb_import	<i>Import data from binary files</i>
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Description

Downloads and reads data directly from Kaggle Datasets, where we have uploaded parsed data.

Usage

```
rfb_import(type = c("all", "empresas", "socios"), path, remove = TRUE)
```

Arguments

type	if type="all", download list-column tibble containing all data. If type="empresas", downloads rectangular database of companies. If type="socios", downloads rectangular database of partners.
path	directory name to save temporary files.
remove	remove temporary files? Default is TRUE.

Examples

```
empresas <- rfb_import("empresas", path = file.path(tempdir(), "rds_files"))
```

rfb_read	<i>Read CNPJ files</i>
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Description

Read CNPJ files from previously downloaded fixed width files, obtained from [rfb_download](#)
Lists all files in directory and read them

Usage

```
rfb_read(file_name, remove_temp_files = TRUE)  
  
rfb_read_dir(dir_name, remove_temp_files = TRUE)
```

Arguments

`file_name` character string containing full paths of the files.
`remove_temp_files` remove temporary fixed width files
`dir_name` path to directory where text files are

Value

list-column tibble containing data of companies and partners

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