

Package: GetFREDData (via r-universe)

October 4, 2026

Title Reading FRE Corporate Data of Public Traded Companies from B3

Version 1.2.0

Description Reads corporate data such as board composition and compensation for companies traded at B3, the Brazilian exchange [<https://www.b3.com.br/>](https://www.b3.com.br/). All data is downloaded and imported from the ftp site [<https://dados.cvm.gov.br/dados/CIA_ABERTA/DOC/FRE/>](https://dados.cvm.gov.br/dados/CIA_ABERTA/DOC/FRE/).

Depends R (>= 4.1.0)

Imports stringr, xml2, dplyr, readr, lubridate, purrr, rvest, GetDFPDData2, utils, cli, fs, glue, janitor, lifecycle

ByteCompile true

Encoding UTF-8

License GPL-2

BugReports <https://github.com/msperlin/GetFREDData/issues>

URL <https://github.com/msperlin/GetFREDData/>

LazyData false

Suggests knitr, rmarkdown, testthat (>= 3.0.0), ggplot2

VignetteBuilder knitr

Config/testthat/edition 3

Config/roxygen2/version 8.1.0

Config/pak/sysreqs cmake make libicu-dev libuv1-dev libxml2-dev libssl-dev libx11-dev zlib1g-dev

Repository <https://msperlin.r-universe.dev>

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RemoteUrl <https://github.com/msperlin/getfredata>

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clean_fre_cache	<i>Cleans the local cache folder</i>
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Description

This function deletes all downloaded ZIP files, temporary files, and cached datasets stored in the cache folder.

Usage

```
clean_fre_cache(cache_folder = get_default_cache_dir())
```

Arguments

cache_folder Path of cache folder to delete (default = get_default_cache_dir())

Value

A boolean indicating whether the operation succeeded (invisibly)

Examples

```
## Not run:  
clean_fre_cache()  
  
## End(Not run)
```

get_fre_data	<i>Downloads and reads FRE datasets (deprecated)</i>
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Description

‘r lifecycle::badge("deprecated")’
 ‘get_fre_data()’ was deprecated in v1.0.0 in favour of [get_fre_data2()].

Usage

```
get_fre_data(...)
```

Arguments

... Ignored.

Value

Nothing; always errors.

Examples

```
## Not run:
# Use get_fre_data2() instead
l_fre <- get_fre_data2()

## End(Not run)
```

get_fre_data2	<i>Downloads and reads FRE datasets</i>
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Description

The FRE (formularios de referencia) is the reporting system of companies traded at B3. This function will access the CVM ftp and parse all available files according to user choices such as dates and companies.

Usage

```
get_fre_data2(
  first_year = lubridate::year(lubridate::today()) - 1,
  last_year = lubridate::year(lubridate::today()),
  companies_cvm_codes = NULL,
  cache_folder = get_default_cache_dir(),
  verbose = TRUE
)
```

Arguments

first_year	First year of selected data. CVM FRE data is available from 2010 onwards.
last_year	Last year of selected data.
companies_cvm_codes	Numeric vector of CVM company codes to filter. If NULL (default), returns data for all available companies. Use search_company to look up CVM codes.
cache_folder	Path of cache folder to keep cache, raw zip files, and parsed RDS files (default = 'gfred_cache').
verbose	Logical. Whether to print informative messages during execution (default = TRUE).

Details

The resulting list contains tibbles corresponding to individual tables published in the FRE reports:

- `acionador`: Stockholders details and equity participation
- `capital_social`: Share capital structure and issued shares
- `posicao_acionaria`: Equity ownership structure
- `administrador_membro_conselho_fiscal`: Board and director composition
- `remuneracao_reconhecida_administradores`: Executive compensation details
- `remuneracao_orgaos`: Summary of remuneration by corporate body
- `auditor_formulario_referencia`: Independent audit firm details
- `distribuicao_dividendo`: Dividend distributions and payout metrics
- `dividas`: Debt composition by maturity and guarantee
- And other corporate disclosures.

All tables in the returned list include the `cd_cvm` column (CVM company code), enabling consistent cross-table joining and filtering by company.

Parsed files are automatically cached as RDS objects in `cache_folder/parsed-rds/` to accelerate subsequent queries for the same years.

Value

A list of tibbles, where each element is a different table from the FRE system. All tables include the `cd_cvm` column, allowing consistent filtering across the entire dataset.

Examples

```
## Not run:
l_fre <- get_fre_data2(first_year = 2020, last_year = 2020, cache_folder = tempdir())

# Filter by CVM company codes silently
l_fre <- get_fre_data2(companies_cvm_codes = c(9512, 18627), verbose = FALSE)

## End(Not run)
```

get_info_companies	Returns a up to date table with information about B3 companies
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Description

Imports a dataset from cvm <https://sistemas.cvm.gov.br/cadastro/SPW_CIA_ABERTA.ZIP>, containing up to date information about companies, active or not.

Usage

```
get_info_companies(cache_folder = "gfred_cache")
```

Arguments

cache_folder Path of cache folder to keep cache, raw zip files, and parsed RDS files (default = 'gfred_cache').

Value

A dataframe with several information about B3 companies

Examples

```
## Not run: # keep cran check fast
df_info <- get_info_companies()
str(df_info)

## End(Not run)
```

search_company	Helps users search for a company
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Description

Helps users search for a company

Usage

```
search_company(char_to_search, cache_folder = "gfred_cache")
```

Arguments

char_to_search Character for partial matching
cache_folder Path of cache folder to keep cache, raw zip files, and parsed RDS files (default = 'gfred_cache').

Value

A dataframe with companies

Examples

```
## Not run: # dontrun: keep cran check fast  
df <- search_company('petrobras')  
  
## End(Not run)
```

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