

Installation

```
# available in cran (stable)
install.packages('GetDFPData2')
```

```
# github (dev version)
devtools::install_github('msperlin/GetDFPData2')
```

Examples of Usage

Information about available companies

```
library(GetDFPData2)

# information about companies
df_info <- get_info_companies(tempdir())
## Fetching info on B3 companies
## Downloading file from CVM
## File not found, downloading it..
## Success
## Reading file from CVM
## Saving cache data
## Got 2331 lines for 2290 companies [Actives = 648 Inactives = 1653]
print(df_info )
## # A tibble: 2,331 x 44
##   CD_CVM DENOM_SOCIAL    DENOM_COMERC    SETOR_ATIV  PF_PJ CNPJ
##   DT_REG DT_CONST
##
## 1  25224 2W ENERGIA S.A.          Construção... PJ    8773... 29/10...
##    23/03/2...
## 2  21954 3A COMPANHIA S... TRIPLO A    COM... Securitiza... PJ    1139...
##    08/03... 03/11/2...
## 3  25291 3R PETROLEUM O...    Petróleo e... PJ    1209... 09/11...
##    08/06/2...
## 4  16330 521 PARTICIPAÇ... 521 PARTICIPA... Emp. Adm. ... PJ    1547...
##    11/07... 30/07/1...
## 5  16284 524 PARTICIPAÇ... 524 PARTICIPA... Emp. Adm. ... PJ    1851...
##    30/05... 02/04/1...
## 6  16349 525 PARTICIPAÇ... 525 PARTICIPA... Emp. Adm. ... PJ    1919...
##    16/07... 02/04/1...
## 7      35 A J RENNER SA ... A J RENNER    Emp. Adm. ... PJ    9265...
##    24/06...
## 8  16802 A.P. PARTICIPA... A.P. PARTICIP... Emp. Adm. ... PJ    2288...
##    21/01... 14/12/1...
## 9  13307 ABC DADOS E IN... ABC COMPUTADO... Máquinas, ... PJ    2164...
##    03/06...
## 10 16934 ABC SUPERMERCA... ABC SUPERMERC... Comércio (... PJ    2258...
##    27/02... 30/09/1...
## # ... with 2,321 more rows, and 36 more variables: DT_CANCEL ,
## #   MOTIVO_CANCEL , SIT_REG , DT_INI_SIT , SIT_EMISSOR ,
```

```
## # DT_INI_SIT_EMISSOR , CATEG_REG , DT_INI_CATEG ,
## # AUDITOR , CNPJ_AUDITOR , TP_ENDER , LOGRADOURO ,
## # COMPL , BAIRRO , CIDADE , UF , PAIS ,
## # CD_POSTAL , TEL , FAX , EMAIL , TP_RESP ,
## # RESP , DT_INI_RESP , LOGRADOURO_RESP , COMPL_RESP ,
## # BAIRRO_RESP , CIDADE_RESP , UF_RESP , PAIS_RESP ,
## # CEP_RESP , TEL_RESP , FAX_RESP , EMAIL_RESP ,
## # TP_MERC , cnpj_number
```

Searching for companies

```
search_company('grendene', cache_folder = tempdir())
## Fetching info on B3 companies
## Found cache file. Loading data..
## Got 2331 lines for 2290 companies [Actives = 648 Inactives = 1653]
## Found 1 companies:
## GRENDENE SA | situation = ATIVO | sector = Têxtil e Vestuário |
CD_CVM = 19615
```

Downloading Annual Financial Reports

```
# downloading DFP data
l_dfp <- get_dfp_data(companies_cvm_codes = 19615,
                      use_memoise = FALSE,
                      clean_data = TRUE,
                      cache_folder = tempdir(), # use local folder in

live code

                      type_docs = c('DRE'),
                      type_format = 'con',
                      first_year = 2019,
                      last_year = 2020)
## Dowloading dfp_cia_aberta_2019.zip
## File not found, downloading it..
## Success
##      Unzipping
##      Reading dfp_cia_aberta_DRE_con_2019.csv | Cleaning table
##      Got 30 rows | 1 companies
## Dowloading dfp_cia_aberta_2020.zip
## File not found, downloading it..
## Success
##      Unzipping
##      Reading dfp_cia_aberta_DRE_con_2020.csv | Cleaning table
##      Got 32 rows | 1 companies
str(l_dfp)
## List of 1
## $ DF Consolidado - Demonstração do Resultado: tibble[,16] [62 × 16]
##   (S3: tbl_df/tbl/data.frame)
##   ..$ CNPJ_CIA      : chr [1:62] "89.850.341/0001-60"
##   "89.850.341/0001-60" "89.850.341/0001-60" "89.850.341/0001-60" ...
##   ..$ CD_CVM        : num [1:62] 19615 19615 19615 19615 19615 ...
##   ..$ DT_REFER      : Date[1:62], format: "2019-12-31" "2019-12-31"
##   ...
```

```
##    ..$ DT_INI_EXERC: Date[1:62], format: "2019-01-01" "2019-01-01"
...
##    ..$ DT_FIM_EXERC: Date[1:62], format: "2019-12-31" "2019-12-31"
...
##    ..$ DENOM_CIA    : chr [1:62] "GRENDENE S.A." "GRENDENE S.A."
"GRENDENE S.A." "GRENDENE S.A." ...
##    ..$ VERSAO       : num [1:62] 2 2 2 2 2 2 2 2 2 2 ...
##    ..$ GRUPO_DFP    : chr [1:62] "DF Consolidado - Demonstração do
Resultado" "DF Consolidado - Demonstração do Resultado" "DF Consolidado
- Demonstração do Resultado" "DF Consolidado - Demonstração do
Resultado" ...
##    ..$ MOEDA        : chr [1:62] "REAL" "REAL" "REAL" "REAL" ...
##    ..$ ESCALA_MOEDA: chr [1:62] "MIL" "MIL" "MIL" "MIL" ...
##    ..$ ORDEM_EXERC  : chr [1:62] "ÚLTIMO" "ÚLTIMO" "ÚLTIMO" "ÚLTIMO"
...
##    ..$ CD_CONTA     : chr [1:62] "3.01" "3.02" "3.03" "3.04" ...
##    ..$ DS_CONTA     : chr [1:62] "Receita de Venda de Bens e/ou
Serviços" "Custo dos Bens e/ou Serviços Vendidos" "Resultado Bruto"
"Despesas/Receitas Operacionais" ...
##    ..$ VL_CONTA     : num [1:62] 2071034 -1126511 944523 -590995
-530825 ...
##    ..$ COLUNA_DF    : logi [1:62] NA NA NA NA NA NA ...
##    ..$ source_file  : chr [1:62] "dfp_cia_aberta_DRE_con_2019.csv"
"dfp_cia_aberta_DRE_con_2019.csv" "dfp_cia_aberta_DRE_con_2019.csv"
"dfp_cia_aberta_DRE_con_2019.csv" ...
```