

# Package ‘shinydrive’

January 11, 2021

**Type** Package

**Title** File Sharing Shiny Module

**Version** 0.1.1

**Description** Shiny module for easily sharing files between users. Admin can add, remove, edit and download file.  
User can only download file. It's also possible to manage files using R functions directly.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**Imports** htmltools, shiny, tools, yaml, DT, R.utils, knitr

**Suggests** testthat

**NeedsCompilation** no

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**Repository** CRAN

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add_file_in_dir	<i>Add / suppress / edit a file</i>
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### Description

Add / suppress / edit a file

### Usage

```
add_file_in_dir(file, dir, yml, name, description = "")  
edit_file_in_dir(id, dir, yml, name = NULL, description = NULL, file = NULL)  
suppress_file_in_dir(id, dir, yml)
```

### Arguments

file	character file (to copy) path.
dir	character directory path.
yml	character yaml file path.
name	character file name.
description	character file description.
id	character file id in yaml.

### Value

These functions return a logical indicating if operation succeeded or not

### Examples

```
## Not run:  
  
yml <- file.path(getwd(), "test_sfm/config.yml") # will be created  
  
dir <- file.path(getwd(), "test_sfm")  
dir.create(dir)  
  
file <- system.file("translate/translate.csv", package = "shinydrive")  
  
# add one first file  
add_file_in_dir(  
  file = file,  
  dir = dir,  
  yml = yml,  
  name = "translate1",  
  description = ""  
)
```

```
yaml::yaml.load_file(yml)
list.files(dir)

# add second file
add_file_in_dir(
  file = file,
  dir= dir,
  yml = yml,
  name = "translate_2",
  description = "This is cool"
)

yaml::yaml.load_file(yml)
list.files(dir)

# modify first file
edit_file_in_dir(
  id = "2", dir = dir, yml = yml,
  name = "translate_2_mod",
  description = "So cool"
)

yaml::yaml.load_file(yml)
list.files(dir)

# suppress first file
suppress_file_in_dir(id = "1", dir = dir, yml = yml)

yaml::yaml.load_file(yml)
list.files(dir)

## End(Not run)
```

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shiny\_drive\_ui

*File management shiny module.*

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## **Description**

File management shiny module.

## **Usage**

```
shiny_drive_ui(id)

shiny_drive_server(
  input,
  output,
```

```

    session,
    id,
    save_dir,
    dir_access = NULL,
    admin_user = TRUE,
    force_desc = FALSE,
    lan = "EN",
    file_translate = read.csv(system.file("translate/translate.csv", package =
      "shinydrive"), sep = ";", encoding = "UTF-8", check.names = FALSE)
  )

```

### Arguments

id	character. An ID string
input	shiny input
output	shiny input
session	shiny input
save_dir	character. Main directory of the files.
dir_access	character vector for dir(s) access. Default to NULL (all directories)
admin_user	boolean/reactive (TRUE). Admin user or not.
force_desc	boolean/reactive (FALSE). Force to add an entry description ?
lan	character/reactive ("EN"). Language to be used in the module (FR, EN and CN available... contributions are welcome :)).
file_translate	data.frame/reactive File for translation.

### Value

Shiny module without return value.

### Examples

```

## Not run:

if(require(shiny)){
  ui <- fluidPage(
    shiny_drive_ui(id = "idm")
  )
  server <- function(input, output, session) {
    callModule(module = shiny_drive_server,
      id = "idm",
      session = session,
      admin_user = TRUE,
      save_dir = getwd(),
      lan = "FR")
  }
  shinyApp(ui, server)
}

```

```
## End(Not run)
```

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