

Package ‘shinydrive’

July 23, 2025

Type Package

Title File Sharing Shiny Module

Version 0.1.3

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

RoxygenNote 7.1.1

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

Suggests testthat

NeedsCompilation no

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Repository CRAN

Date/Publication 2022-09-29 06:10:02 UTC

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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 = "",  
    date_time_format = "%Y%m%d_%H%M%s"  
)  
  
edit_file_in_dir(  
    id,  
    dir,  
    yml,  
    name = NULL,  
    description = NULL,  
    file = NULL,  
    date_time_format = "%Y%m%d_%H%M%s"  
)  
  
suppress_file_in_dir(id, dir, yml)  
  
get_yaml_info(  
    yml,  
    recorded_name = TRUE,  
    date_time_format = "%Y%m%d_%H%M%s",  
    add_img = FALSE,  
    img_size = 30  
)
```

Arguments

file	character file (to copy) path.
dir	character directory path.
yaml	character yaml configuration file full path.
name	character file name.
description	character file description.

date_time_format	character DateTime format.
id	character file id in yaml.
recorded_name	logical : add recorded name (with date_time extension) in output ?
add_img	logical : Use in shiny module for adding file extension img.
img_size	integer : Use in shiny module for adding file extension img.

Value

These functions return a logical indicating if operation succeeded or not

Examples

```
## Not run:

yaml <- file.path(getwd(), "test_sfm/config.yaml") # 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,
  yaml = yaml,
  name = "translate1",
  description = ""
)

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

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

yaml::yaml.load_file(yaml)
list.files(dir)
get_yaml_info(yaml, recorded_name = F)

# 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)

```

shiny_drive_ui

File management shiny module.

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),
  datatable_options = list(),
  yml = "files_desc.yaml",
  date_time_format = "%Y%m%d_%H%M%S"
)

```

Arguments

id	character. An ID string
input	shiny input
output	shiny input
session	shiny input
save_dir	character/reactive. Main directory of the files.
dir_access	character/reactive 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.
datatable_options	list/reactive. DT::datatable options argument.
yml	character/reactive yml configuration file name.
date_time_format	character DateTime format.

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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