

'Roxygen documentation for file misc_functions.R '

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R topics documented:

collapsible	1
documenter	2
download_or_read	2
gdrive_import_chunk	3
gdrive_upload	3
link_button	4
md_to_html_table	4
mute	5
print_image	5
process_quiz	6
quiz_html_to_tab	6
reactable_print	7
rmd_to_df_list	7
tgc_contributors_list	8
tgc_license	8

collapsible	<i>Collapsible</i>
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Description

Collapsible

Usage

```
collapsible(body = "Hint here", summary = "Hint")
```

Arguments

body	Body
summary	Label

documenter

Document functions in an R Script

Description

Document functions in an R Script

Usage

```
documenter(source_file)
```

Arguments

source_file Path to script

Value

nothing

Note

This is now deprecated in favor of the more powerful `document::document`

download_or_read

Export and upload object, and provide students with download button or import code to read it in

Description

Export and upload object, and provide students with download button or import code to read it in

Usage

```
download_or_read(
  x,
  filename = "quiz-data",
  format = "csv",
  which = "both",
  identifier = uuid::UUIDgenerate()
)
```

Arguments

x object to be exported

filename name of the file

format

identifier string to suffix the filename with, to permit uniqueness (and avoid overwriting) on our GDrive. Set to NULL to overwrite.

gdrive_import_chunk	<i>Insert a code chunk containing code for importing a dataset</i>
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Description

Insert a code chunk containing code for importing a dataset

Usage

```
gdrive_import_chunk(gdrive_link, data_name, format)
```

Arguments

gdrive_link	Google Drive link (for viewing) returned from the 'gdrive_upload' function
data_name	Character string. The name of the dataset that the student should use

Value

Code chunk for Rmd

Note

The chunk where this function is used should have echo = F and results = "asis" as chunk options.

Examples

```
gdrive_import_chunk("https://drive.google.com/file/d/11QgvNvAjDGXK8KprgxJ-kZp5qRDgUVpt/view?usp=drivesdk",
```

gdrive_upload	<i>Upload a file to the GRAPH Courses Google Drive</i>
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Description

By default, each time this function is used, it will upload a **new** copy of the object in question, not overwrite the previous copies. This is facilitated by the 'uuid::UUIDgenerate()' function. If you wish to overwrite old objects, use 'identifier = "SOME_FIXED_ID"'. Your files will then be uploaded as "CHUNK_NAME-SOME_FIXED_ID". Or you could use 'identifier = NULL'. Be careful with this though. If there is some object already on the Drive called e.g. "mydat", and two years later, you use this function with 'identified = "mydat"', you will overwrite that old dataset, and may break some quiz that references it.

Usage

```
gdrive_upload(
  file,
  obj_type = "image",
  gdrive_dir = "quizzes/images/",
  identifier = uuid::UUIDgenerate(),
  role = "reader",
  type = "anyone"
)
```

Arguments

file	Full path to file to be uploaded
gdrive_dir	Directory on our Google Drive to put the image
identifier	string to suffix the filename with, to permit uniqueness (and avoid overwriting) on our GDrive. Set to NULL to overwrite.
role, type	See ‘googledrive::drive_share‘

Details

Note also that you need to run ‘googledrive::drive_auth(email = "YOUR_EMAIL")‘ in an interactive session before using this.

This function is also built to be taken in by knitr to automatically upload images generated in a chunk and return the embedding link. To set this up, pass this function to the ‘upload.fun‘ argument of ‘knitr\$opts_chunk‘

Value

A link to the now shared file on Google drive. If file is an image, the embed link is returned.

link_button	<i>Button with link</i>
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Description

Button with link

Usage

```
link_button(link, label = "Download data")
```

md_to_html_table	<i>Markdown to HTML table</i>
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Description

Convert a markdown-formatted table to an HTML one.

Usage

```
md_to_html_table(table_char)
```

Arguments

table	character value containing the table
body	Body

mute	<i>Source script very quietly</i>
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Description

Source script very quietly

Usage

```
mute(x)
```

Arguments

x script to be sourced

Value

nothing

print_image	<i>Print image to R graphic device.</i>
-------------	---

Description

Sometimes more wieldy than 'knitr::include_graphics'.

Usage

```
print_image(img_path)
```

Arguments

img_path

Value

nothing

process_quiz	<i>Process TGC quizzes</i>
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Description

Will document this better in due time. But very briefly: For theory quiz types, this function first calls ‘reshuffle_stratified_theory_quiz()’ or ‘reshuffle_simple_theory_quiz()’ to create unique rmd copies. Then, for all quiz types, the rmds are knitted within a loop. Finally the output HTML files are stuffed into an Excel spreadsheet with ‘quiz_html_to_tab’.

Usage

```
process_quiz(
  quiz_type = quiz_type,
  quiz_folder = quiz_folder,
  quiz_title = quiz_title,
  course_abbrev = course_abbrev,
  n_quizzes = n_quizzes,
  questions_per_quiz = NULL
)
```

Arguments

```
quiz_type
quiz_folder
quiz_title
course_abbrev
n_quizzes
```

quiz_html_to_tab	<i>Read seeded HTML quiz outputs into data frame for eventual upload</i>
------------------	--

Description

This function was created to work with this plugin: <https://wooninjas.com/downloads/learndash-quiz-import-export/>. Since the plugin uses Excel files, the HTML quiz file has to be under 25KB (to fit into an Excel cell). Hence images and data cannot be encoded within the file. You would need to use the gdrive_upload functions instead to upload data.

Usage

```
quiz_html_to_tab(
  num_labels,
  quiz_folder,
  quiz_title,
  quiz_name = basename(quiz_folder)
)
```

Arguments

quiz_title	User-facing title for quiz. E.g. "4.2.2 Data quiz: Ebola in Sierra Leone"
seeds	Seeds iterated over to create quiz resamplings
quiz_path	Absolute path to the quiz
course_id	Normally a 5-digit numeric ID obtained from the table on the LearnDash LMS > Courses page
lesson_id	Normally a 5-digit numeric ID obtained from the table on the LearnDash LMS > Lessons page

Value

Data frame

Examples

```
# See template chapter for example
```

reactable_print	<i>Pretty print data frames with reactable</i>
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Description

Pretty print data frames with reactable

Usage

```
reactable_print(df, nrows)
```

Arguments

df
nrows

rmd_to_df_list	<i>Internal. Parse quiz into separate data frames</i>
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Description

Internal. Parse quiz into separate data frames

Usage

```
rmd_to_df_list(rmd_file)
```

Arguments

rmd_file Path to Rmd file to be parsed

Value

List of data frames, with each data frame containing an element of the rmd quiz

tgc_contributors_list	<i>Print list of contributors</i>
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Description

Print list of contributors

Usage

```
tgc_contributors_list(  
  ids,  
  csv_path = here::here("global/contributors/tgc_contributors.csv")  
)
```

Arguments

ids	IDs of contributors
csv_path	Path to source csv

Value

HTML output for contributors

tgc_license	<i>Print the GRAPH Courses license</i>
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Description

Print the GRAPH Courses license

Usage

```
tgc_license()
```

Value

HTML text and license image