

Package ‘markmyassignment’

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Type Package

Title Automatic Marking of R Assignments

Version 0.8.6

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Description Automatic marking of R assignments for students and teachers based on 'testthat' test suites.

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Encoding UTF-8

Depends R (>= 3.6.0)

Imports methods, yaml, testthat (>= 2.0.0), httr (>= 1.0.0), checkmate (>= 1.0.0), codetools, rlang

RoxygenNote 7.1.1

Suggests knitr, rmarkdown, covr

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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R topics documented:

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| markmyassignment | <i>Automatic Marking of R Assignments</i> |
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Description

Automatic marking of R assignments for students and teachers based on testthat test suites.

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| mark_my_assignment | <i>Mark assignment in global environment</i> |
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Description

Mark assignment in global environment.

Usage

```
mark_my_assignment(
  tasks = NULL,
  mark_file = NULL,
  force_get_tests = FALSE,
  quiet = FALSE,
  ...
)
```

Arguments

| | |
|-----------------|--|
| tasks | Which task should be corrected (if more than one). Default is all. To see the different task, see show_tasks . |
| mark_file | Argument is deprecated, use mark_my_file instead. |
| force_get_tests | Argument is deprecated, use set_assignment() instead. |
| quiet | Should test be run without output? |
| ... | further arguments sent to test_dir(). |

Examples

```
assignment_path <-
  file.path(system.file(package = "markmyassignment"), "extdata", "example_assignment01.yml")
set_assignment(assignment_path)
source(file.path(system.file(package = "markmyassignment"), "extdata", "example_lab_file.R"))
mark_my_assignment()
```

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|--------------|-----------------------------|
| mark_my_file | <i>Mark assignment file</i> |
|--------------|-----------------------------|

Description

Mark a specific assignment file

Usage

```
mark_my_file(  
  tasks = NULL,  
  mark_file = file.choose(),  
  assignment_path = NULL,  
  force_get_tests = FALSE,  
  quiet = FALSE,  
  ...  
)
```

Arguments

| | |
|-----------------|--|
| tasks | Which task should be corrected (if more than one). Default is all. To see the different task, see show_tasks . |
| mark_file | Path to the file to mark. |
| assignment_path | Assignment file to set before marking the assignment (url or local path). |
| force_get_tests | Argument is deprecated, use <code>set_assignment()</code> instead. |
| quiet | Should test be run without output? |
| ... | further arguments sent to <code>test_dir()</code> . |

Examples

```
## Not run:  
assignment_path <-  
  file.path(system.file(package = "markmyassignment"), "extdata", "example_assignment01.yml")  
file_path <- file.path(system.file(package = "markmyassignment"), "extdata", "example_lab_file.R")  
mark_my_file(mark_file = file_path, assignment_path = assignment_path)  
  
## End(Not run)
```

| | |
|----------------|-----------------------------------|
| set_assignment | <i>Set and remove assignments</i> |
|----------------|-----------------------------------|

Description

Sets the assignment to mark and downloads necessary files.

Usage

```
set_assignment(path, auth = NULL)
remove_assignment()
is_assignment_set()
show_assignment()
```

Arguments

| | |
|------|--|
| path | Path to the yml file |
| auth | Authorization object generated by <code>httr::authenticate()</code> . See <code>authenticate</code> and https://github.com/r-lib/httr/blob/master/demo/oauth2-github.r on details on how to use <code>authenticate()</code> . |

Examples

```
assignment_path <-
  file.path(system.file(package = "markmyassignment"),
            "/extdata/example_assignment01.yml")
set_assignment(assignment_path)
```

| | |
|------------|---|
| show_tasks | <i>Get the name of the tasks in the assignment.</i> |
|------------|---|

Description

Get the name of the tasks in the assignment.

Usage

```
show_tasks()
```

Examples

```
# We first set the assignment
assignment_path <-
  file.path(system.file(package = "markmyassignment"), "extdata/example_assignment01.yml")
set_assignment(assignment_path)

show_tasks()
```

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