

# Package ‘markmyassignment’

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**Type** Package

**Title** Automatic Marking of R Assignments

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

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**Depends** R (>= 3.2.0), methods, yaml, testthat (>= 2.0.0), httr (>= 1.0.0), checkmate (>= 1.0.0)

**Imports** codetools, lazyeval, rlang

**RoxygenNote** 6.0.1

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**NeedsCompilation** no

**Repository** CRAN

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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 <a href="#">show_tasks</a> .
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>
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### 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 <a href="#">show_tasks</a> .
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

```
assignment_path <-
  paste0(system.file(package = "markmyassignment"), "/extdata/example_assignment01.yml")
file_path <- paste0(system.file(package = "markmyassignment"), "/extdata/example_lab_file.R")
mark_my_file(mark_file = file_path, assignment_path = assignment_path)
```

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set_assignment	<i>Set and remove assignments</i>
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### 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 <a href="https://github.com/r-lib/httr/blob/master/demo/oauth2-github.r">https://github.com/r-lib/httr/blob/master/demo/oauth2-github.r</a> on details on how to use <code>authenticate()</code> .

**Examples**

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

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