

Package ‘checkdown’

November 1, 2020

Type Package

Title Check-Fields and Check-Boxes for 'rmarkdown'

Version 0.0.7

Depends R (>= 3.5.0)

Description Creates auto checking check-fields and check-boxes for 'rmarkdown' html. It could be used in class, when teacher share materials and tasks, so student can solve some problems and check themselves. In contrast with the 'learnr' package the 'checkdown' package works without 'shiny'.

Imports knitr, markdown

URL <https://agricolamz.github.io/checkdown/>

BugReports <https://github.com/agricolamz/checkdown/issues>

Suggests rmarkdown

License GPL (>= 2)

Encoding UTF-8

RoxygenNote 7.1.1

VignetteBuilder knitr

NeedsCompilation no

Author George Moroz [aut, cre] (<<https://orcid.org/0000-0003-1990-6083>>)

Maintainer George Moroz <agricolamz@gmail.com>

Repository CRAN

Date/Publication 2020-11-01 10:00:06 UTC

R topics documented:

check_hint	2
check_hints	3
check_question	4
insert_images	5

Index	6
--------------	----------

check_hint	<i>Create check-fields and check-boxes for 'rmarkdown'</i>
------------	--

Description

Create check-fields and check-boxes for 'rmarkdown'

Usage

```
check_hint(  
  hint_text,  
  hint_title = "Click here to see/close the hint",  
  hint_id = sample(1e+05:1, 1)  
)
```

Arguments

hint_text	hint paragraph text; can contain markdown
hint_title	click paragraph text; can contain markdown
hint_id	unique identifier of the question

Value

returns the html and javascript code

Author(s)

George Moroz <agricolamz@gmail.com>

Examples

```
# ```{r, results='asis', echo=FALSE}  
# check_hint("You can use argument `asis`!")  
# ```
```

`check_hints`*Create check-fields and check-boxes for 'rmarkdown'*

Description

Create check-fields and check-boxes for 'rmarkdown'

Usage

```
check_hints(  
  hint_text,  
  hint_title = "Click here to see/close the hint",  
  hint_title_prefix = "",  
  hint_title_suffix = "",  
  list_title = "Click here to see/close the list of hints",  
  hint_id  
)
```

Arguments

<code>hint_text</code>	hint paragraph texts; can contain markdown
<code>hint_title</code>	hint title texts; can contain markdown
<code>hint_title_prefix</code>	string that added to each <code>hint_title</code> to the left side
<code>hint_title_suffix</code>	string that added to each <code>hint_title</code> to the right side
<code>list_title</code>	unique identifier for each hint
<code>hint_id</code>	unique identifier for each hint

Value

returns the html and javascript code

Author(s)

George Moroz <agricolamz@gmail.com>

Examples

```
# ```{r, results='asis', echo=FALSE}  
# check_hints(1:4)  
# ```
```

check_question *Create check-fields and check-boxes for 'rmarkdown'*

Description

Create check-fields and check-boxes for 'rmarkdown'

Usage

```
check_question(
  answer,
  right = "Correct",
  wrong = "I have a different answer",
  options = NULL,
  type = "select",
  alignment = FALSE,
  button_label = "check",
  random_answer_order = FALSE,
  question_id = sample(1:1e+05, 1)
)
```

Arguments

answer	correct answer (can be a double or a string). It is possible to put here a vector of several answers.
right	form reaction on right answer
wrong	form reaction on wrong answer
options	vector of values for the selection list type
type	character that defines type of the list. Possible values: select, radio, checkbox
alignment	logical argument for options' alignment: vertical if TRUE, horizontal if FALSE
button_label	character value that will be displayed on the button
random_answer_order	logical argument that denotes whether answers should be shuffled
question_id	unique identifier of the question

Value

returns the html and javascript code

Author(s)

George Moroz <agricolamz@gmail.com>

Examples

```
# ```{r, results='asis', echo=FALSE}
# check_question(answer = 5)
# ```
```

insert_images

Insert multiple images into questions and hints

Description

Insert multiple images into questions and hints

Usage

```
insert_images(
  src,
  alt = "image",
  image_width = "100%",
  image_height = "100%"
)
```

Arguments

src	image file names
alt	alternate texts for an image in case If a browser cannot find an image
image_width	image widths. Could be absolute value in pixels or percentage.
image_height	image heights. Could be absolute value in pixels or percentage.

Value

returns the string with html code

Author(s)

George Moroz <agricolamz@gmail.com>

Examples

```
# ```{r, results='asis', echo=FALSE}
# insert_images(c("1.png", "2.png"))
# ```
```

Index

check_hint, 2
check_hints, 3
check_question, 4

insert_images, 5