

# Package ‘TBox’

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**Title** Useful Functions for Programming and Generating Documents

**Version** 0.1.2

**Description** Tools to help developers and producers manipulate R objects and outputs. It includes tools for displaying results and objects, and for formatting them in the correct format.

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.3.1

**Imports** checkmate, clipr, knitr, rmarkdown, utils

**URL** <https://github.com/TanguyBarthelemy/TBox>,  
<https://tanguybarthelemy.github.io/TBox/>

**BugReports** <https://github.com/TanguyBarthelemy/TBox/issues>

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**NeedsCompilation** no

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**Repository** CRAN

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`render_code`*Generate a file with formatted code*

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### Description

Format a piece of code to copy it into an email, a pdf, a document, etc.

### Usage

```
render_code(  
  output = "word",  
  browser = getOption("browser"),  
  font_size = 12,  
  code = TRUE,  
  ...  
)
```

### Arguments

|                        |  |
|------------------------|--|
| <code>output</code>    | a string. The output format ("pdf", "html" or "word" are accepted)                                       |
| <code>browser</code>   | a string. The path to the browser which will open the generated file format                              |
| <code>font_size</code> | a numeric. The font size in pdf format.  |
| <code>code</code>      | a boolean. Does the copied content is  |
| <code>...</code>       | other arguments passed to R chunk (for example <code>eval = TRUE</code> , <code>echo = FALSE</code> ...) |

### Details

This function allows the user to generate formatted code (for email, document, copy, message, etc.) on the fly.

It accepts mainly word, pdf and html formats, but any format accepted by rmarkdown on the computer.

To use this function, simply copy a piece of code and run `render_code()` with the arguments that interest us. If you want content that is not R code, use the `code` argument to `FALSE`. In pdf format, you can change the font size using the `font_size` argument. Also, you can change the browser that opens the file by default with the `browser` argument. With the argument `...`, you can specify knitr arguments to be included in the chunk. For example, you can add `eval = TRUE` (if you want the R code to be evaluated (and the result displayed)), `echo = FALSE` (if you don't want to display the code)... More information in the function `opts_chunk` or directly <https://yihui.org/knitr/options/#chunk-options> to see all available options and their descriptions.

### Value

This function returns invisibly (with `invisible()`) `NULL`.

**Examples**

```
# Copy a snippet of code
if (clipr::clipr_available()) {
  clipr::write_clip("plot(AirPassengers)", allow_non_interactive = TRUE)
}

render_code(
  output = "word",
  echo = TRUE
)

render_code(
  output = "html",
  eval = FALSE
)

render_code(
  output = "pdf",
  eval = TRUE,
  font_size = 16
)
```

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