

Writing great function docs

Drawing from newly updated
<https://r-pkgs.org/man.html>

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1. Title, description, details

2. @param

3. @returns

4. @examples

5. Re-use

<https://github.com/tidyverse/stringr/pull/446>

Title

1. Sentence case, no full stop
2. Consider holistically
`help(package = pkg)`
3. Try to use different words to
function name

Description

1. One paragraph summary
2. Use @description if you want more than one paragraph or bulleted lists
3. Use markdown headings for more details

@param

1. Briefly summarise type
(e.g. character vector, two column data frame)
2. Usually 1-3 sentences of description. But take as much space as you need.
3. Document closely related arguments together e.g. @param x, y
4. @inheritParams if same arguments in different functions

@returns

1. Briefly describe type/shape of output
2. Consider holistically
3. Required for initial CRAN submission

Documentation reuse

```
# Insert markdown generated with code
# by using inline R functions
#' @param foo `r fun(foo)`

# Share Rmd across docs/vignettes with child
# docs
#' `` `{r, child = "man/rmd/example.Rmd"}`
#' `` `

# Code run when you document()
```

To get hyperlinks need:

1. RStudio daily
2. Latest roxygen2/testthat
3. Latest rlang
4. Latest cli