Package: beaverdown (via r-universe)

June 29, 2024

Title An updated R Markdown thesis template for Oregon State University using the bookdown package

Version 0.2.1

Description Using the bookdown package and LaTeX and Word thesis templates from Oregon State University, this package was derived from Chester Ismay's package ``thesisdown"

Depends R (>= 3.3.0), devtools, dplyr, ggplot2, bookdown, knitr

Imports yaml

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Encoding UTF-8

LazyData true

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Repository https://zkamvar.r-universe.dev

RemoteUrl https://github.com/zkamvar/beaverdown

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beaverdown *beaver: A package for creating undergraduate, Masters, and PhD theses using R Markdown*

Description

This package creates theses/dissertations for Oregon State University.

thesis_gitbook

Creates an R Markdown thesis template as a webpage

thesis_pdf

Creates an R Markdown thesis template as a PDF

thesis_word

Creates an R Markdown thesis template as a Microsoft Word document

iflatex *Return latex control text if rendering latex*

Description

Return latex control text if rendering latex

Usage

```
iflatex(txt)
```

Arguments

```
txt
```

Value

a string

Examples

```
## Not run:
iflatex("\\vspace*{\\fill}")

## End(Not run)
```

inc *Generate a section for the yaml input*

Description

Generate a section for the yaml input

Usage

```
inc(input, sep = "\n  ")
```

Arguments

input	a file containing markdown text
sep	a separator for each line. Defaults to "\n "

Value

a string

Examples

```
f <- file()
cat("  this is\nsome text that\nwill be renedered in\na file\n", file = f)
cat(inc(f))
close(f)
```

process_citations *Process citations in a text formatted with markdown*

Description

Process citations in a text formatted with markdown

Usage

```
process_citations(caption, yml, figname = "fig1", to = "latex")
```

Arguments

caption	text formatted with markdown
yml	a list of yaml metadata
figname	the name of the output file
to	the output format. Defaults to "latex". Could also be "html". "markdown" does nothing useful.

Value

formatted text with rendered citations

See Also

render_caption

Examples

```
# Setup for the example
# Note that this will already be set for you when you run the document
rootdir <- find.package("beaverdown")
rootdir <- paste0(rootdir, "/rmarkdown/templates/oregonstate/skeleton/")
bib <- file.path(rootdir, c("bib/references.bib", "bib/thesis.bib"))
bib <- paste(bib, collapse = "\n    ")
csl <- file.path(rootdir, "csl/apa.csl")
txt <- "**Hey!** This is a citation from @angel2000."
yml <- list(bibliography = bib, csl = csl, `link-citations` = TRUE)
process_citations(txt, yml)
```

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render_caption *Render LaTeX captions*

Description

Captions are not rendered to latex by default. To aid in writing these, This function will take in your markdown-formatted caption, and give you a latex formatted caption.

Usage

```
render_caption(caption, figname = "fig1", index = "index.Rmd",
  to = "latex")
```

Arguments

caption	the markdown-formatted text you want to render as a figure caption.
figname	the name of the figure (as to not crowd the)

Details

This works by utilizing the **knitr** function pandoc. It allows you to include references in your captions, which are not automatically rendered.

Value

a figure caption rendered in LaTeX

See Also

process_citations

Examples

```
# Setup for the example
# Note that this will already be set for you when you run the document
rootdir <- find.package("beaverdown")
rootdir <- paste0(rootdir, "/rmarkdown/templates/oregonstate/skeleton/")
knitr::opts_knit$set(root.dir = rootdir)


caption <- "This is some *text* to use as a caption [@angel2000]!"
# Make sure to set your index to whatever your project is called!
render_caption(caption, index = "skeleton.Rmd")
```

---

thesis_epub *Creates an R Markdown epub Thesis document*

Description

This is a function called in output in the YAML of the driver Rmd file to specify the creation of a epub version of the thesis.

Usage

```
thesis_epub()
```

Value

A ebook version of the thesis

Examples

```
## Not run:
 output: thesisdown::thesis_epub

## End(Not run)
```

thesis_gitbook *Creates an R Markdown gitbook Thesis document*

Description

This is a function called in output in the YAML of the driver Rmd file to specify the creation of a webpage version of the thesis.

Usage

```
thesis_gitbook()
```

Value

A gitbook webpage

Examples

```
## Not run:
 output: thesisdown::thesis_gitbook

## End(Not run)
```

thesis_pdf *Creates an R Markdown PDF Thesis document*

Description

This is a function called in output in the YAML of the driver Rmd file to specify using the Oregon State University LaTeX template and cls files.

Usage

```
thesis_pdf(toc = TRUE, toc_depth = 3, ...)
```

Arguments

toc	A Boolean (TRUE or FALSE) specifying where table of contents should be created
toc_depth	A positive integer
...	arguments to be passed to rmarkdown::pdf_document

Value

A modified pdf_document based on the Reed Senior Thesis LaTeX template

Note

The arguments highlight, keep_tex, and pandoc_args, are already set.

Examples

```
## Not run:
 output: thesisdown::thesis_pdf

## End(Not run)
```

`thesis_word` *Creates an R Markdown Word Thesis document*

Description

This is a function called in output in the YAML of the driver Rmd file to specify the creation of a Microsoft Word version of the thesis.

Usage

```
thesis_word()
```

Value

A Word Document based on (hopefully soon, but not currently) the Reed Senior Thesis Word template

Examples

```
## Not run:
 output: thesisdown::thesis_word

## End(Not run)
```

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