

# Package ‘legtheme’

January 23, 2020

**Type** Package

**Title** Rmarkdown Theme for LEG documents

**Version** 0.2.1

**Description** A set of custom Rmarkdown templates for documents and presentations with the LEG color scheme and identity standards.

**URL** <https://github.com/leg-ufpr/legtheme>

**BugReports** <https://github.com/leg-ufpr/legtheme/issues>

**Depends** R (>= 3.0)

**License** MIT + file LICENSE

**Imports** rmarkdown (>= 1.1.0), bookdown (>= 0.17)

**RoxygenNote** 7.0.2

**Roxygen** list(markdown = TRUE)

**Encoding** UTF-8

**NeedsCompilation** no

**Author** Fernando Mayer [aut, cre],  
James Balamuta [aut]

**Maintainer** Fernando Mayer <fernando.mayer@ufpr.br>

## R topics documented:

legtheme-package . . . . .	2
beamer_leg . . . . .	2
proj_generico . . . . .	4
<b>Index</b>	<b>7</b>

---

legtheme-package

*legtheme: Rmarkdown Theme for LEG documents*

---

## Description

A set of custom RMarkdown templates for documents and presentations with the LEG color scheme and identity standards.

## Details

Trial run on RMarkdown templates

## Author(s)

**Maintainer:** Fernando Mayer <fernando.mayer@ufpr.br>

Authors:

- James Balamuta

## See Also

Useful links:

- <https://github.com/leg-ufpr/legtheme>
- Report bugs at <https://github.com/leg-ufpr/legtheme/issues>

---

beamer\_leg

*LEG Themed Beamer Presentation Template for Rmarkdown*

---

## Description

Generates from an RMarkdown file a Beamer presentation with LEG colors and identity standards.

## Usage

```
beamer_leg(  
  toc = FALSE,  
  slide_level = 3,  
  incremental = FALSE,  
  fig_width = 10,  
  fig_height = 7,  
  fig_crop = TRUE,  
  fig_caption = TRUE,  
  dev = "pdf",  
  df_print = "default",  
  fonttheme = "default",
```

```

    highlight = "default",
    keep_tex = FALSE,
    latex_engine = "pdflatex",
    citation_package = c("none", "natbib", "biblatex"),
    includes = NULL,
    md_extensions = NULL,
    pandoc_args = NULL
  )

```

## Arguments

<code>toc</code>	TRUE to include a table of contents in the output (only level 1 headers will be included in the table of contents).
<code>slide_level</code>	The heading level which defines individual slides. By default this is the highest header level in the hierarchy that is followed immediately by content, and not another header, somewhere in the document. This default can be overridden by specifying an explicit <code>slide_level</code> .
<code>incremental</code>	TRUE to render slide bullets incrementally. Note that if you want to reverse the default incremental behavior for an individual bullet you can precede it with <code>&gt;</code> . For example: <code>&gt; - Bullet Text</code>
<code>fig_width</code>	Default width (in inches) for figures
<code>fig_height</code>	Default height (in inches) for figures
<code>fig_crop</code>	TRUE to automatically apply the <code>pdfcrop</code> utility (if available) to pdf figures
<code>fig_caption</code>	TRUE to render figures with captions
<code>dev</code>	Graphics device to use for figure output (defaults to pdf)
<code>df_print</code>	Method to be used for printing data frames. Valid values include "default", "kable", "tibble", and "paged". The "default" method uses a corresponding <code>S3</code> method of print, typically <code>print.data.frame</code> . The "kable" method uses the <code>knitr::kable</code> function. The "tibble" method uses the <b>tibble</b> package to print a summary of the data frame. The "paged" method creates a paginated HTML table (note that this method is only valid for formats that produce HTML). In addition to the named methods you can also pass an arbitrary function to be used for printing data frames. You can disable the <code>df_print</code> behavior entirely by setting the option <code>rmarkdown.df_print</code> to FALSE.
<code>fonttheme</code>	Beamer font theme (e.g. "structurebold").
<code>highlight</code>	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", and "haddock". Pass NULL to prevent syntax highlighting.
<code>keep_tex</code>	Keep the intermediate tex file used in the conversion to PDF
<code>latex_engine</code>	LaTeX engine for producing PDF output. Options are "pdflatex", "lualatex", and "xelatex".
<code>citation_package</code>	The LaTeX package to process citations, natbib or biblatex. Use none if neither package is to be used.

includes	Named list of additional content to include within the document (typically created using the <a href="#">includes</a> function).
md_extensions	Markdown extensions to be added or removed from the default definition or R Markdown. See the <a href="#">rmarkdown_format</a> for additional details.
pandoc_args	Additional command line options to pass to pandoc

**Value**

A modified beamer\_presentation based on the LEG Beamer themed template.

**Author(s)**

James Balamuta (original theme), Fernando Mayer (LEG theme adaptation)

**Examples**

```
## Not run:
# Generate slide deck from beamer template
rmarkdown::draft("slide_deck.Rmd", template = "beamer_leg", package = "legtheme")

# Compile the document
rmarkdown::render("slide_deck/slide_deck.Rmd")

## End(Not run)
```

---

proj\_generico

*LEG Themed Generic Project Template for Rmarkdown*


---

**Description**

Generates from an RMarkdown file a PDF document with LEG colors and identity standards.

**Usage**

```
proj_generico(
  toc = TRUE,
  toc_depth = 3,
  number_sections = TRUE,
  fig_width = 10,
  fig_height = 7,
  fig_crop = TRUE,
  fig_caption = TRUE,
  dev = "pdf",
  df_print = "default",
  highlight = "default",
  keep_tex = FALSE,
  keep_md = FALSE,
  latex_engine = "pdflatex",
```

```

    citation_package = c("none", "natbib", "biblatex"),
    includes = NULL,
    md_extensions = NULL,
    output_extensions = NULL,
    pandoc_args = NULL,
    extra_dependencies = NULL
  )

```

## Arguments

toc	TRUE to include a table of contents in the output
toc_depth	Depth of headers to include in table of contents
number_sections	TRUE to number section headings
fig_width	Default width (in inches) for figures
fig_height	Default height (in inches) for figures
fig_crop	TRUE to automatically apply the pdfcrop utility (if available) to pdf figures
fig_caption	TRUE to render figures with captions
dev	Graphics device to use for figure output (defaults to pdf)
df_print	Method to be used for printing data frames. Valid values include "default", "kable", "tibble", and "paged". The "default" method uses a corresponding S3 method of print, typically print.data.frame. The "kable" method uses the <code>knitr::kable</code> function. The "tibble" method uses the <b>tibble</b> package to print a summary of the data frame. The "paged" method creates a paginated HTML table (note that this method is only valid for formats that produce HTML). In addition to the named methods you can also pass an arbitrary function to be used for printing data frames. You can disable the df_print behavior entirely by setting the option <code>rmarkdown.df_print</code> to FALSE.
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", and "haddock". Pass NULL to prevent syntax highlighting.
keep_tex	Keep the intermediate tex file used in the conversion to PDF
keep_md	Keep the markdown file generated by knitting.
latex_engine	LaTeX engine for producing PDF output. Options are "pdflatex", "lualatex", and "xelatex".
citation_package	The LaTeX package to process citations, natbib or biblatex. Use none if neither package is to be used.
includes	Named list of additional content to include within the document (typically created using the <code>includes</code> function).
md_extensions	Markdown extensions to be added or removed from the default definition or R Markdown. See the <code>rmarkdown_format</code> for additional details.
output_extensions	Pandoc extensions to be added or removed from the output format, e.g., <code>"-smart"</code> means the output format will be <code>latex-smart</code> .

`pandoc_args` Additional command line options to pass to pandoc  
`extra_dependencies`

A LaTeX dependency `latex_dependency()`, a list of LaTeX dependencies, a character vector of LaTeX package names (e.g. `c("framed", "hyperref")`), or a named list of LaTeX package options with the names being package names (e.g. `list(hypreref = c("unicode=true", "breaklinks=true"), lmodern = NULL)`). It can be used to add custom LaTeX packages to the .tex header.

**Value**

A PDF document based on the LEG themed template.

**Author(s)**

Fernando Mayer

**Examples**

```
## Not run:
# Generate slide deck from beamer template
rmarkdown::draft("proj.Rmd", template = "proj_generico", package = "legtheme")

# Compile the document
rmarkdown::render("proj/proj.Rmd")

## End(Not run)
```

# Index

beamer\_leg, [2](#)

includes, [4](#), [5](#)

knitr::kable, [3](#), [5](#)

legtheme (legtheme-package), [2](#)

legtheme-package, [2](#)

proj\_generico, [4](#)

rmarkdown\_format, [4](#), [5](#)