

Package ‘bookdownplus’

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Title Generate Assorted Books and Documents with R 'bookdown' Package

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Depends R (>= 3.1.0)

Imports bookdown (>= 0.3.17)

Suggests

Description A collection and selector of R 'bookdown' templates. 'bookdownplus' helps you write academic journal articles, guitar books, chemical equations, mails, calendars, and diaries. R 'bookdownplus' extends the features of 'bookdown', and simplifies the procedure. Users only have to choose a template, clarify the book title and author name, and then focus on writing the text. No need to struggle in 'YAML' and 'LaTeX'.

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URL <https://github.com/pzhaonet/bookdownplus>

BugReports <https://github.com/pzhaonet/bookdownplus/issues>

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backup	<i>backup a file to backup/ folder, avoid overwriting it.</i>
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Description

backup a file to backup/ folder, avoid overwriting it.

Usage

```
backup(filename, ifbackup = TRUE)
```

Arguments

filename	the file to backup
ifbackup	whether to backup

Value

backup the files

bd	<i>Show demos</i>
----	-------------------

Description

Show demos

Usage

```
bd(template = NA)
```

Arguments

template	NA or character, templates to show
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Value

demo files

Examples

```
bd(NULL)
```

bookdownplus

Create demo files for building books with R bookdown package.

Description

Technically, bookdownplus is a collection and selector of R bookdown templates. bookdownplus helps you write academic journal articles, guitar books, chemical equations, mails, calendars, and diaries. R bookdownplus extends the features of bookdown, and simplifies the procedure. Users only have to choose a template, clarify the book title and author name, and then focus on writing the text. No need to struggle in YAML and LaTeX.

- Before starting, you have to install bookdown package, and other software and packages (i.e. 'Pandoc', 'LaTeX', rmarkdown, rticle, knitr, etc.) which bookdown depends on. See the [official manual of bookdown](#) for details.
- Run bookdownplus() and specify the template with template argument, You will get some files (e.g. index.Rmd, body.Rmd) and folders in your working directory. Although there are many other arguments for bookdownplus(), you can simply ignore them if you use bookdownplus package for the first time.
- Build it with bookdown. You will get a book file named *.pdf in _book/ folder.
- Write your own text in index.Rmd and body.Rmd, and build your own lovely book.

Usage

```
bookdownplus(template = "copernicus", more_output = NULL, title = "title",
             author = "author", render = FALSE, rproj = TRUE, output_name = NA)
```

Arguments

template	character. Choose a template for your book or doc. The default template is 'thesis_classic'. Run template() to see the available templates.
more_output	optional output formats besides pdf_book, which can be (run get_output() for hints): <ul style="list-style-type: none"> • NULL (default) • 'word_document2' • 'html_document2' • 'epub_book' • 'gitbook'
title	character. book title.
author	character. book author.
render	logical. whether to render automatically
rproj	logical. whether to create an .Rproj file automatically
output_name	character. the name of the output files. If NA (default), the template name will be used.

Value

demo files to build with bookdown

Examples

```
bookdownplus(render = FALSE)
bookdownplus(template = "article", render = FALSE)
```

copyfolder	<i>copy necessary files to the working directory</i>
------------	--

Description

copy necessary files to the working directory

Usage

```
copyfolder(folder = "images")
```

Arguments

folder the folder name

Value

copy folders to the wd.

create	<i>Prepare a strict template skeleton to contribute to bookdownplus</i>
--------	---

Description

Prepare a strict template skeleton to contribute to bookdownplus

Usage

```
create(template_name = "new", bodyfile = "body.Rmd", indexfile = "index.Rmd",
       texfile = "t.tex")
```

Arguments

template_name character. tempalte name.
bodyfile character. name of the body file.
indexfile character. name of the index file.
texfile character. name of the texfile

Value

organized folders and files.

Examples

```
create()
```

get_output	<i>Available output formats besides pdf_book</i>
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Description

Available output formats besides pdf_book

Usage

```
get_output(dataframe = FALSE)
```

Arguments

dataframe logical. FALSE by default. whether return a vector or a data frame.

Value

a vector or a dataframe.

Examples

```
get_output()
```

get_template	<i>Available templates</i>
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Description

Available templates

Usage

```
get_template()
```

Value

a dataframe displaying available templates.

Examples

```
get_template()
```

share	<i>Prepare a relaxed template folder to contribute to bookdownplus</i>
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Description

Prepare a relaxed template folder to contribute to bookdownplus

Usage

```
share(template_name = NA)
```

Arguments

template_name character. The tempalte name.

Value

Prepare a folder for contribution.

Examples

```
share()
```

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