

Package ‘prodigenr’

July 1, 2019

Title Research Project Directory Generator

Version 0.5.0

Description Create a project directory structure, along with typical files for that project. This allows projects to be quickly and easily created, as well as for them to be standardized. Designed specifically with scientists in mind (mainly bio-medical researchers, but likely applies to other fields).

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URL <https://github.com/lwjohnst86/prodigenr>

BugReports <https://github.com/lwjohnst86/prodigenr/issues>

Depends R (>= 3.4.0)

Imports fs (>= 1.2.2), git2r (>= 0.21.0), rmarkdown (>= 1.9), projroot (>= 1.3.2), usethis (>= 1.3.0), withr

Suggests devtools (>= 1.13.5), covr (>= 3.0.1), testthat (>= 2.0.0), knitr

VignetteBuilder knitr

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

NeedsCompilation no

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create_doc	<i>Create an R Markdown document from template.</i>
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Description

Creates manuscript, slide, poster, or abstract R Markdown files into the doc folder.

Usage

```
create_doc(type = c("manuscript", "slides", "poster", "abstract"))  
  
create_manuscript()  
  
create_poster()  
  
create_slides()  
  
create_abstract()
```

Arguments

type	The file type (e.g. manuscript, slides, etc.)
------	---

Value

A created Rmd file.

Examples

```
## Not run:  
create_manuscript()  
create_poster()  
create_slides()  
create_abstract()  
  
## End(Not run)
```

setup_project	<i>Setup a standardized folder and file structure for a research analysis project.</i>
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Description

This starts the project by setting up a common folder and file infrastructure, as well as adding some useful files to start the project.

Usage

```
setup_project(path)
```

Arguments

path A path to a new directory.

Value

Project setup with folders and files necessary for a standard research project.

Examples

```
## Not run:  
# Use a temporary location  
new_proj_name <- fs::path_temp("DiabetesCancer")  
setup_project(new_proj_name)  
  
## End(Not run)
```

template_list *List project templates within **prodigenr**.*

Description

Get a list of available templates in a package.

Usage

```
template_list
```

Format

An object of class character of length 4.

Value

Vector of templates available

Examples

```
template_list
```

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