

Package ‘prodigenr’

May 23, 2018

Title Research Project Directory Generator

Version 0.4.0

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 clipr (>= 0.4.0), clisymbols (>= 1.2.0), crayon (>= 1.3.4), desc (>= 1.2.0), devtools (>= 1.13.5), fs (>= 1.2.2), git2r (>= 0.21.0), rmarkdown (>= 1.9), rprojroot (>= 1.3.2), usethis (>= 1.3.0), utils (>= 3.4.4), withr (>= 2.1.2)

Suggests covr (>= 3.0.1), knitr (>= 1.20), testthat (>= 2.0.0)

VignetteBuilder knitr

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

NeedsCompilation no

Author Luke Johnston [aut, cre] (<<https://orcid.org/0000-0003-4169-2616>>)

Maintainer Luke Johnston <lwjohnst@gmail.com>

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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)
```

prodigen	<i>Create a project directory based on a template.</i>
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Description

Deprecated. Use `setup_project()`. Create a project directory and associated files. Is based on using RStudio and the devtools package development way of working with files and code. So commands/keybindings like `devtools::load_all()` (Ctrl-Shift-L) and `devtools::document()` (Ctrl-Shift-D) work to update your code and allow an continuous and integrated approach to analyzing your data and writing up your research product.

Usage

```
prodigen(type, name = NULL, path = getwd(), git.init = FALSE)
```

Arguments

type	type of project to create, based on the templates found in <code>prodigen::template_list()</code> function
name	name of the new project directory
path	location of where the new project will be created
git.init	Logical, whether to initialize the new project with git

Value

Creates a project directory with files and subdirectories

setup_project	<i>Setup 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.

Usage

```
setup_project(name, path = getwd())
```

Arguments

name	Name of project.
path	Path/location of project.

Value

Folders and files created for a research project.

Examples

```
## Not run:  
path <- tempdir()  
setup_project("DiabetesCancer", path)  
  
## End(Not run)
```

template_list	<i>List project templates within prodigenr.</i>
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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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