Package 'prodigenr'

December 13, 2024

Title Research Project Directory Generator

Version 0.7.0

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/rostools/prodigenr>,
<https://rostools.github.io/prodigenr/>

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

Depends R (>= 4.0.0)

Imports cli, fs, gert, rlang, rprojroot, whisker, withr

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

Encoding UTF-8

Language en-US

RoxygenNote 7.3.2

NeedsCompilation no

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Repository CRAN

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Contents

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create_doc   *Create a basic Quarto document from a template.*

Description

Creates manuscript/report or slide Quarto file and saves it into the `docs/` folder.

Usage

```
create_doc(type = c("report", "slides"))

create_report()

create_slides()
```

Arguments

type   The file type (e.g. report, slides).

Value

A created `.qmd` file in the `docs/` folder.

Functions

- `create_report()`: Creates a report Quarto document in the `docs/` folder.

- `create_slides()`: Creates a Quarto document for making slides in the `docs/` folder.

Examples

```
## Not run:
create_report()
create_slides()

## End(Not run)
```

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setup_project | *Setup a standardized folder and file structure for a research analysis project.*

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. Also adds Git to 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)
# After the new project opens up, add Git with:
setup_with_git()

## End(Not run)
```

---

setup_with_git | *Setup Git to the project.*

Description

Takes a lot of inspiration from the usethis `use_git()` function, except it only adds Git and nothing more (doesn't commit, doesn't restart RStudio automatically). Must run this function inside the project you created from `setup_project()`.

Usage

```
setup_with_git()
```

Value

Adds Git and `.gitignore` file to the project.

See Also

[setup_project()](#) for starting the project.

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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 2.

Value

Vector of templates available

Examples

```
template_list
```

Index