

# Package ‘prodigenr’

July 23, 2025

**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).

**License** MIT + file LICENSE

**URL** <https://github.com/rostoools/prodigenr>,  
<https://rostoools.github.io/prodigenr/>

**BugReports** <https://github.com/rostoools/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

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

**Maintainer** Luke Johnston <lwjohnst@gmail.com>

**Repository** CRAN

**Date/Publication** 2024-12-13 18:30:02 UTC

## Contents

|                          |   |
|--------------------------|---|
| create_doc . . . . .     | 2 |
| setup_project . . . . .  | 3 |
| setup_with_git . . . . . | 3 |
| template_list . . . . .  | 4 |

**Index****5**

---

`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)
```

---

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

---

**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 | <i>Setup Git to the project.</i> |
|----------------|----------------------------------|

---

**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.

---

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

## \* **datasets**

template\_list, [4](#)

create\_doc, [2](#)

create\_report (create\_doc), [2](#)

create\_slides (create\_doc), [2](#)

setup\_project, [3](#)

setup\_project(), [3](#), [4](#)

setup\_with\_git, [3](#)

template\_list, [4](#)