

# Package: rdst (via r-universe)

March 20, 2026

**Title** Reproducible Data Science Project Templates

**Version** 0.2.0

**Description** Creates opinionated, reproducible data science project structures with renv for package management, targets for pipeline orchestration, and GitLab CI/CD for automated rendering and publication via GitLab Pages. Designed for solo analysts and small teams working in R with Quarto.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

**Imports** fs, usethis, cli, rlang

**Suggests** renv, targets, testthat (>= 3.0.0), withr, knitr, rmarkdown

**Config/testthat/edition** 3

**URL** [https://gitlab.com/GITLAB\\_USER/rdst](https://gitlab.com/GITLAB_USER/rdst),  
<https://teodorojmartinez.r-universe.dev/rdst>

**BugReports** [https://gitlab.com/GITLAB\\_USER/rds/-/issues](https://gitlab.com/GITLAB_USER/rds/-/issues)

**VignetteBuilder** knitr

**Config/pak/sysreqs** git make libgit2-dev libssl-dev libx11-dev

**Repository** <https://teodorojmartinez.r-universe.dev>

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create_project	<i>Create a reproducible data science project</i>
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### Description

Scaffolds a complete project structure with renv, targets, Quarto, and GitLab CI/CD pre-configured. Run once per new project.

### Usage

```
create_project(
  path,
  author = getOption("usethis.full_name", Sys.getenv("USER")),
  gitlab_user = Sys.getenv("GITLAB_USER", unset = "gitlab_user"),
  r_version = paste(R.version$major, strsplit(R.version$minor, "\\.")[[1]][1], sep =
    "."),
  use_renv = TRUE,
  use_targets = TRUE,
  use_ci = TRUE,
  lang = "es",
  open = rlang::is_interactive()
)
```

### Arguments

path	Character. Path where the project will be created. The last component becomes the project name. The directory must not already exist (use open = TRUE to open an existing project).
author	Character. Your name, used in YAML front matter. Defaults to getOption("usethis.full_name") or Sys.getenv("USER").
gitlab_user	Character. Your GitLab username, used in CI templates and _quarto.yml base URL. Defaults to Sys.getenv("GITLAB_USER").
r_version	Character. Minimum R version to declare in bootstrap.R. Defaults to the currently running version, e.g. "4.4.0".
use_renv	Logical. Initialize renv? Default TRUE.
use_targets	Logical. Create _targets.R? Default TRUE.
use_ci	Logical. Create .gitlab-ci.yml? Default TRUE.
lang	Character. Language for project templates. One of "es" (Spanish, default) or "en" (English).
open	Logical. Open the project in RStudio/Positron after creation? Default TRUE when called interactively.

### Value

Invisibly, the path to the created project.

### **Examples**

```
## Not run:  
# Minimal call - project name taken from path  
create_project("~/projects/my_analysis")  
  
# Full call with explicit metadata  
create_project(  
  path      = "~/projects/encuesta_2026",  
  author    = "Ana Garcia",  
  gitlab_user = "anagarcia",  
  r_version  = "4.4.0"  
)  
  
## End(Not run)
```

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