




Reproducible Environments with RENV

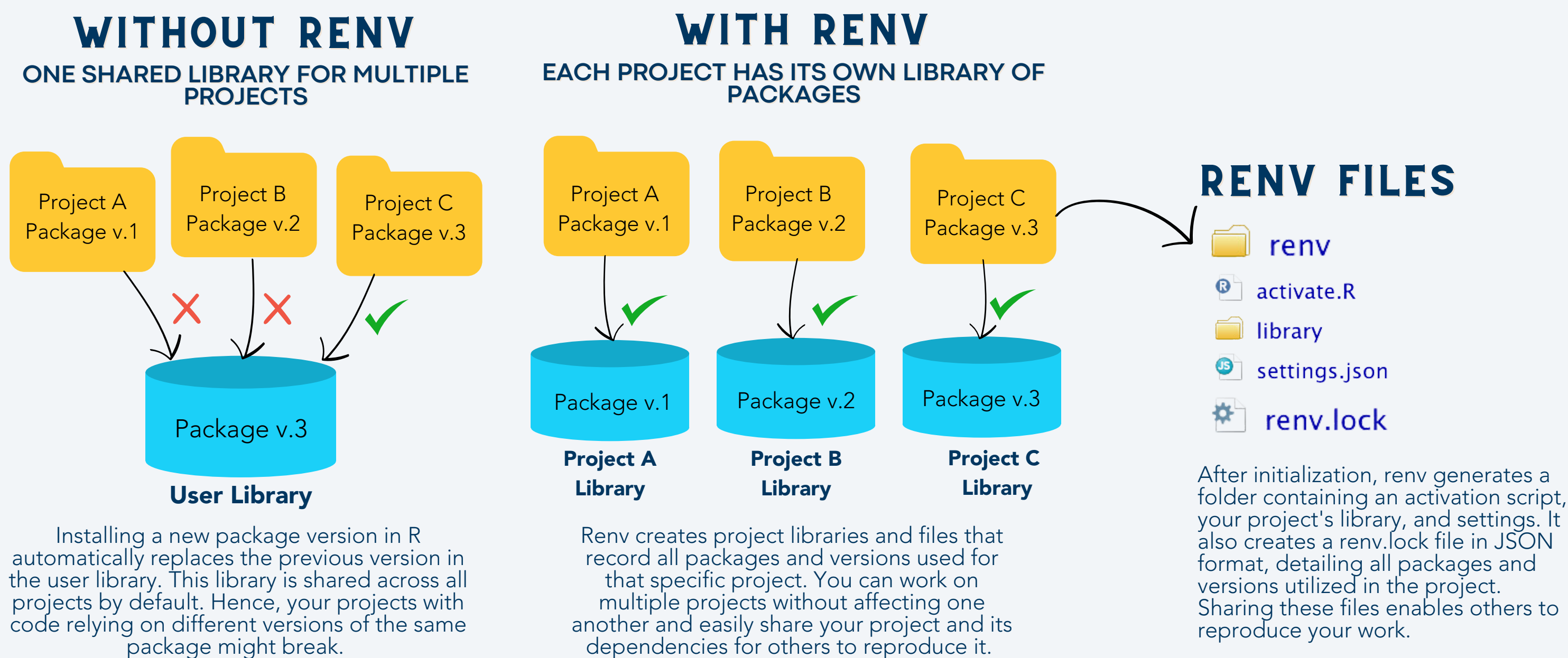
Is your project R-based? The renv package helps you set up R projects and manage dependencies to keep your environment consistent and reproducible.

ADVANTAGES

-  **Isolation:** Allows you to add or update a package in one project without affecting your other projects by creating separate libraries for each project.
-  **Portability:** Helps you move your R projects across computers and platforms effortlessly, simplifying the installation of required packages.
-  **Reproducibility:** Logs the precise package versions you rely on, guaranteeing installation consistency wherever you work.




<https://rstudio.github.io/renv>



RENV BASIC WORKFLOW & COMMANDS

- 1 Install renv**
install.packages("renv")
- 2 Initialize your project library**
renv::init()
- 3 Install and remove packages**
renv::install() or install.packages()
renv::remove() or remove.packages()
- 4 Save changes to your project library**
renv::snapshot()

 RStudio/Posit offers integrated renv support for new projects. You may skip step 1 if you check the "Use Renv with this project" box.