

# Chapter 15 2020-02-04: R packages: The whole game

## 15.1 <https://r-pkgs.org/whole-game.html>

### R Packages

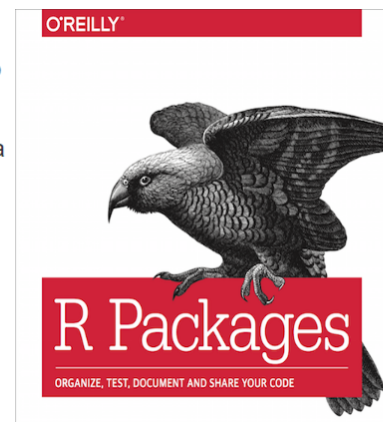
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### R packages

Packages are the fundamental units of reproducible R code. They include reusable R functions, the documentation that describes how to use them, and sample data. In this book you'll learn how to turn your code into packages that others can easily download and use. Writing a package can seem overwhelming at first. So start with the basics and improve it over time. It doesn't matter if your first version isn't perfect as long as the next version is better.

This is where we are developing the 2nd edition of this book. The 1st edition remains available at <http://r-pkgs.had.co.nz/>.

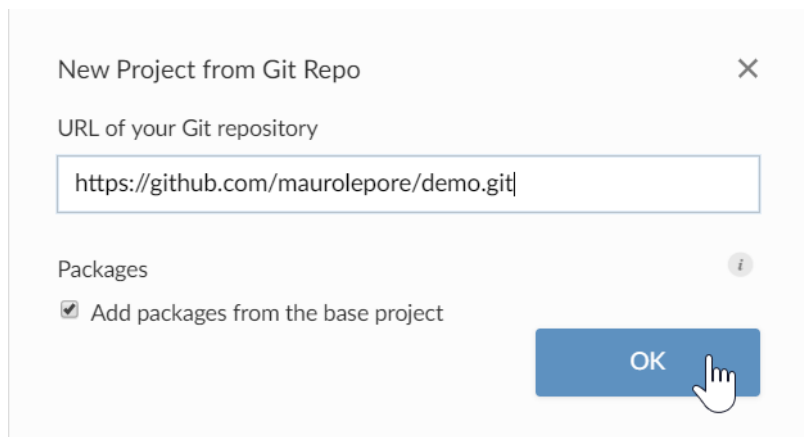


## 15.2 The demo package

On RStudio desktop, I created the demo package and pushed it to GitHub.

```
create_package("demo")
use_git()
use_github("2degreesinvesting")
```

- On GitHub, I forked the demo package from [2degreesinvesting/demo](#) to [maurolepore/demo](#).
- On the ds-incubator workspace on [rstudio.cloud](#), I created a new repo from GitHub and added packages from the base project (devtools and friends).



- You may copy the demo project from [rstudio.cloud](#):  
<https://rstudio.cloud/spaces/47358/project/908370>

## 15.3 Packaging gotchas

We'll add to demo the new dataset `scenario_demo` .

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