

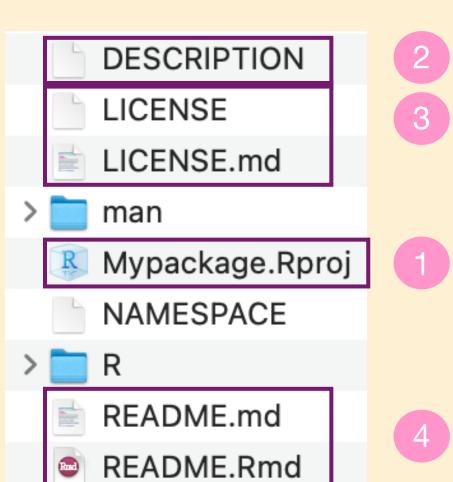
- Mypackage.Rproj session is opened 1
- Edit the DESCRIPTION file:
 - Make yourself the author
 - Write some descriptive text in the TITLE and DESCRIPTION fields
- Choose a license (see https://r-pkgs.org/license.html for details):

Ex: use_mit_licence("Jane Doe") (Write your name and surname)

• Initialize a README.md (and fill the fields) (Optional if your package is only for you without using GitHub)

 $use_readme_rmd()$

build_readme()



WORKING FLOW (Do it cyclically)

Open Mypackage.Rproj

Run install() if you want :

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library(Mypackage) to access your package whenever you want! Add a function
use_r("Afunction")
The file Afunction.R
is created

Write functions, write classes,

Write the function in the created file Afunction.R

If you need to use an fonction from another package to write your actual function, run: use_package("package_name")

→ This adds the package to the "Imports" section of the DESCRIPTION file.

To call the function, use: package_name::thefunctionyouneed()

Do not create too many dependencies!
You can also re-write some functions

load_all()

→ Make Afunction available in the current session

$\operatorname{check}()$

- → It checks that the hole package works!
- → You must correct errors/warnings/ notes if needed

Write the documentation:

Place the cursor somewhere in the function and then click on:

Code > Insert R oxygen Skeleton Fill the fields. Then run :

document()

load_all()

→ You can use *Afunction* and its documentation in the current session!

Create a unit tests file

use_testthat()
use_test("Afunction")

Write unit tests in the created file test-Afunction.R

Check all unit tests with test()

Or use a shortcut:

CRTL + SHIFT + T

CMD + SHIFT + T