PACKAGE DEVELOPMENT

BASIC STRUCTURE

DESCRIPTION

Gives the user all the core information about your package.

NAMESPACE

Contains information on exported and imported functions.

Contains multiple .R files with your functions (usually one R file for each function; the name should ideally be the name of your function).

MAN

Contains all manuals for your functions. The files are automatically generated once you populate your package with functions and run devtools::document().

Contains files for the unit tests that allow you to test your functions.

BIG THINGS COME

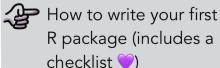


IN SMALL PACKAGES

HELPFUL PACKAGES

- {devtools} A collection of great functions to make developing your package easy
- {usethis} A library to automate your package and project setup
- {roxygen2} To document your code (works mainly in the background)
- {testthat} To setup your unit tests
- {xpectr} For inspiration of standardized unit tests
- {covr} Reports your test coverage
- {goodpractice} Checks whether your package is consistent with common practices and gives recommendations how to improve
- {inteRgrate} Some more tests to check that your package adheres to a good style

MORE HELPFUL LINKS



bit.ly/r-packagedevelopment

多 A collection of awesome R package tools

> bit.ly/awesome-rpackage-tools

> > Cosima_meyer