

Package Development in R

Overview

The Package Development in R workshop is aimed at R programmers who are looking to add rigour to their development by building R packages in a controlled, scalable and commercially viable manner. Attendees will learn the state of the art for designing, building and maintaining R packages. The workshop will maintain a practical and current focus using popular R packages such as devtools, roxygen2 and testthat.

Prerequisites

- Participants should have a good working knowledge of the R language but experience of package building will not be assumed
- Participants should have a recent version of R installed and, if working on a Windows Desktop they must have an appropriate version of Rtools installed. Registrants will be provided with a list of R packages to install prior to the workshop.

Outline

The following topics will be discussed during the training:

- The R Package Framework
- Simplifying package development with devtools
- Generation of help files with roxygen2
- Generating vignettes
- Test framework (testthat)

Facilitators

Graham Parsons, Mango Solutions

Graham is a Data Science Consultant at Mango working to help businesses become more data driven. He has been a keen R user for over a decade, and now frequently develops and maintains R packages for a broad range of clients. Graham loves helping

Workshop 3: Package Development in R
September 10th 2019, 10am

other R
users, whether beginner or advanced, to get the most from the language by teaching a
variety of courses and workshops.