INWT Statistics GmbH
Writing R Packages for Clients

Mira Céline Klein | 16 May 2018

Why R packages?

Why not just functions?

Share code

Documentation with `roxygen2`

```r
#' Say hello
#' @description Greet someone in a nice and simple way.
#' @param who character: Who is greeted
#' @export
hello <- function(who = "world"){
  paste("Hello", who)
}
```

Files **Plots** **Packages** **Help** **Viewer**

R: Say hello ▼ | Find in Topic

hello {package}

Say hello
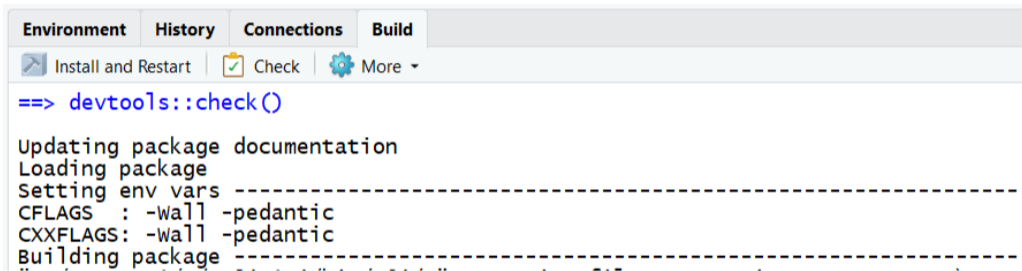
Description

Greet someone in a nice and simple way.

Usage

```r
hello(who = "world")
```

Arguments
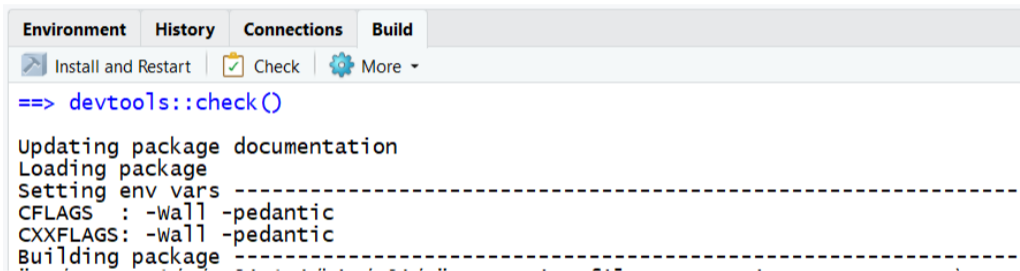
who   character: Who is greeted

Documentation with `roxygen2`

R CMD check

R CMD check

Unit tests

<div style="text-align:center">

Package 'testthat'

December 13, 2017

</div>

Title Unit Testing for R

Version 2.0.0

Description Software testing is important, but, in part because it is
frustrating and boring, many of us avoid it. 'testthat' is a testing framework
for R that is easy learn and use, and integrates with your existing 'workflow'.

License MIT + file LICENSE

URL http://testthat.r-lib.org, https://github.com/r-lib/testthat

Unit tests

Package 'testthat'

December 13, 2017

Title Unit Testing for R

Version 2.0.0

Description Software testing is important, but, in part because it is frustrating and boring, many of us avoid it. 'testthat' is a testing framework for R that is easy learn and use, and integrates with your existing 'workflow'.

License MIT + file LICENSE

URL http://testthat.r-lib.org, https://github.com/r-lib/testthat

Version control

Version control

Version control

Styleguide

Styleguide

Thanks for your attention!

📍 **INWT** Statistics GmbH
Hauptstraße 8
Meisenbach Höfe, Aufgang 3a
10827 Berlin

📞 +49 30 12082310

✉ info@inwt-statistics.de

🔗 www.inwt-statistics.de