

The Problems Encountered During Building the Book

Biju Wang

9/8/2018

1. In *Introduction.Rmd*, Error in `loadNamespace(name)` : there is no package called ‘readr’ Calls: local ...
`tryCatch -> tryCatchList -> tryCatchOne -> Execution halted`

- Install ‘readr’ package

2. In *Introduction.Rmd*, Error in `loadNamespace(name)` : there is no package called ‘sessioninfo’ Calls: local ...
`tryCatch -> tryCatchList -> tryCatchOne -> Execution halted`

- Install ‘sessioninfo’ package

3. In *Names-values.Rmd*, Error in `library(lobstr)` : there is no package called ‘lobstr’ Calls: local ...
`withCallingHandlers -> withVisible -> eval -> eval -> library Execution halted`

- The ‘lobstr’ package is not in CRAN, we need to install ‘devtools’ first and write the following codes to install ‘lobstr’ package

```
# install.packages("devtools")
devtools::install_github("r-lib/lobstr")
```

```
## Skipping install of 'lobstr' from a github remote, the SHA1 (530db705) has not changed since last install
## Use `force = TRUE` to force installation
```

4. In *Conditions.Rmd*, Error in `library(testthat)` : there is no package called ‘testthat’ Calls: local ...
`withCallingHandlers -> withVisible -> eval -> eval -> library Execution halted`

- Install ‘testthat’ package

5. In *Conditions.Rmd*, on line 614, the `abort()` function is from ‘rlang’ package. The version of this package on CRAN is 0.2.2 while on github the version is 0.2.29000. The definition of function `abort()` is quite different in these two versions and I found to avoid the error we need to use version 0.2.2.9000 which cannot be installed from CRAN

- The package ‘rlang’, version 0.2.2.9000 is not on CRAN, we need to install ‘devtools’ first and write the following codes to install ‘rlang’ package with version 0.2.2.9000

```
# install.packages("devtools")
devtools::install_github("r-lib/rlang", build_vignettes = TRUE)
```

```
## Skipping install of 'rlang' from a github remote, the SHA1 (38200983) has not changed since last install
## Use `force = TRUE` to force installation
```

6. In *Functionals.Rmd*, Error in `loadNamespace(name)` : there is no package called ‘emo’ Calls: local ...
`tryCatch -> tryCatchList -> tryCatchOne -> Execution halted`

- The ‘emo’ package is not in CRAN, we need to install ‘devtools’ first and write the following codes to install ‘emo’ package

```
# install.packages("devtools")
devtools::install_github("hadley/emo")
```

```
## Skipping install of 'emo' from a github remote, the SHA1 (02a52068) has not changed since last install
## Use `force = TRUE` to force installation
```

7. *In Function-operators.Rmd, Error in library(pryr) : there is no package called ‘pryr’ Calls: local ... withCallingHandlers -> withVisible -> eval -> eval -> library Execution halted*

- Install ‘pryr’ package

8. *In OO.Rmd, Error in library(sloop) : there is no package called ‘sloop’ Calls: local ... withCallingHandlers -> withVisible -> eval -> eval -> library Execution halted*

- The ‘sloop’ package is not in CRAN, we need to install ‘devtools’ first and write the following codes to install ‘sloop’ package

```
# install.packages("devtools")
devtools::install_github("hadley/S3")
```

```
## Skipping install of 'sloop' from a github remote, the SHA1 (13882395) has not changed since last install
## Use `force = TRUE` to force installation
```

9. *In R6.Rmd, Error in loadNamespace(name) : there is no package called ‘RSQLite’ Calls: local ... tryCatch -> tryCatchList -> tryCatchOne -> Execution halted*

- Install ‘RSQLite’ package

10. *In OO-tradeoffs.Rmd, Error in library(zeallot) : there is no package called ‘zeallot’ Calls: local ... withCallingHandlers -> withVisible -> eval -> eval -> library Execution halted*

- Install ‘zeallot’ package

11. *In Expressions.Rmd, Error in loadNamespace(name) : there is no package called ‘microbenchmark’ Calls: local ... tryCatch -> tryCatchList -> tryCatchOne -> Execution halted*

- Install ‘microbenchmark’ package

12. *In Profiling.Rmd, Error in library(lineprof) : there is no package called ‘lineprof’ Calls: local ... withCallingHandlers -> withVisible -> eval -> eval -> library Execution halted*

- The ‘lineprof’ package is not in CRAN, we need to install ‘devtools’ first and write the following codes to install ‘lineprof’ package

```
# install.packages("devtools")
devtools::install_github("hadley/lineprof")
```

```
## Skipping install of 'lineprof' from a github remote, the SHA1 (972e71dc) has not changed since last :
## Use `force = TRUE` to force installation
```

At this point, I could get the html version of this book. While I opened `adv-r.Rproj` to build the book by clicking Build Book button and then `bookdown::pdf_book`, other errors occurred.

13. *pandoc: unrecognized option ‘-lua-filter=latex/sidebar.lua’ Try pandoc -help for more information. Error: pandoc document conversion failed with error 2*

- Google pandoc and install this software could fix this error

14. *tlmgr search -file -global ‘/Inconsolata.’ ! fontspec error: “font-not-found” !! The font “Inconsolata” cannot be found. !! See the fontspec documentation for further information. !! For immediate help type H . !.....*

- Download the .ttf file of inconsolata font from github and put this file into `/Library/Fonts` on my Macbook can fix the error

This is the end of all the errors.