

R

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# Contents



# Chapter 1

R R ETL shiny  
R ,

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:

: <https://www.yuque.com/zyufei>

```
#  
sessionInfo()  
#> R version 4.0.3 (2020-10-10)  
#> Platform: x86_64-w64-mingw32/x64 (64-bit)  
#> Running under: Windows 10 x64 (build 19041)  
#>  
#> Matrix products: default  
#>  
#> locale:  
#> [1] LC_COLLATE=Chinese (Simplified)_China.936  
#> [2] LC_CTYPE=Chinese (Simplified)_China.936  
#> [3] LC_MONETARY=Chinese (Simplified)_China.936  
#> [4] LC_NUMERIC=C  
#> [5] LC_TIME=Chinese (Simplified)_China.936  
#>  
#> attached base packages:  
#> [1] stats      graphics  grDevices  utils      datasets  methods    base  
#>  
#> loaded via a namespace (and not attached):  
#> [1] compiler_4.0.3    magrittr_2.0.1    bookdown_0.22     htmltools_0.5.1.1
```

```
#> [5] tools_4.0.3      rstudioapi_0.13  yaml_2.2.1      stringi_1.5.3  
#> [9] rmarkdown_2.7    knitr_1.32       stringr_1.4.0    digest_0.6.27  
#> [13] xfun_0.22        rlang_0.4.10    evaluate_0.14
```

## Chapter 2

# data.table

data.table R , python julia  
data.table tidyverse “ ” “ ” “ ” R  
data.table Excle Excle data.table data.table tidyverse  
Python ing python  
data.table :  
<https://cran.r-project.org/web/packages/data.table/vignettes/datatable-intro.html>  
data.table  
•  
•  
• API  
•

### 2.1

```
install.packages("data.table")  
# latest development version:  
data.table::update.dev.pkg()
```

### 2.2

data.table