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 4.0.5 (2021-03-31)
#> 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_4.0.5   magrittr_2.0.1   bookdown_0.22    htmltools_0.5.1.1
```

```
#>  [5] tools_4.0.5      rstudioapi_0.13   yaml_2.2.1        stringi_1.6.1
#>  [9] rmarkdown_2.8    knitr_1.33        stringr_1.4.0     digest_0.6.27
#> [13] xfun_0.22        rlang_0.4.11      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

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- API
-

2.1

   data.table   data.table

1.

      the Installation wiki

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