

# Session Info

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## Session

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sessionInfo()

#> R version 4.2.1 (2022-06-23)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 20.04.5 LTS
#>
#> Matrix products: default
#> BLAS: /usr/lib/x86_64-linux-gnu/atlas/libblas.so.3.10.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/atlas/liblapack.so.3.10.3
#>
#> locale:
#>  [1] LC_CTYPE=C.UTF-8      LC_NUMERIC=C          LC_TIME=C.UTF-8
#>  [4] LC_COLLATE=C.UTF-8    LC_MONETARY=C.UTF-8   LC_MESSAGES=C.UTF-8
#>  [7] LC_PAPER=C.UTF-8      LC_NAME=C             LC_ADDRESS=C
#> [10] LC_TELEPHONE=C        LC_MEASUREMENT=C.UTF-8 LC_IDENTIFICATION=C
#>
#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
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#> loaded via a namespace (and not attached):
#> [1] compiler_4.2.1  magrittr_2.0.3  rprojroot_2.0.3 tools_4.2.1
#> [5] stringi_1.7.8   highr_0.9       knitr_1.40      stringr_1.4.1
#> [9] xfun_0.33       evaluate_0.16
```

## Packages

```
unname(installed.packages()[, 1])

#> [1] "askpass"      "assertthat"   "backports"    "base64enc"
#> [5] "betaSandwich" "bit"          "bit64"        "blob"
#> [9] "brew"         "brio"         "broom"        "bslib"
#> [13] "cachem"       "callr"        "cellranger"   "cli"
#> [17] "clipr"        "colorspace"   "commonmark"   "covr"
#> [21] "cpp11"        "crayon"       "credentials"   "curl"
#> [25] "cyclocomp"    "data.table"   "DBI"          "dbplyr"
#> [29] "desc"         "devtools"     "diffobj"      "digest"
#> [33] "downlit"      "dplyr"        "dtplyr"       "ellipsis"
#> [37] "evaluate"     "fansi"        "farver"       "fastmap"
#> [41] "fontawesome" "forcats"      "fs"           "gargle"
#> [45] "generics"     "gert"         "ggplot2"      "gh"
#> [49] "gitcreds"     "glue"         "googledrive"  "googlesheets4"
#> [53] "gtable"       "haven"        "highr"        "hms"
#> [57] "htmltools"    "htmlwidgets" "httpuv"       "httr"
#> [61] "ids"          "ini"          "isoband"      "jquerylib"
#> [65] "jsonlite"     "knitr"        "labeling"     "later"
#> [69] "lazyeval"     "lifecycle"    "lintr"        "lubridate"
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#> [73] "magick"      "magrittr"    "memoise"     "microbenchmark"
#> [77] "mime"        "miniUI"      "modelr"      "munsell"
#> [81] "openssl"     "parsedate"   "pdftools"    "pillar"
#> [85] "pkgbuild"    "pkgconfig"   "pkgdown"     "pkgload"
#> [89] "praise"      "prettyunits" "processx"     "profvis"
#> [93] "progress"    "promises"    "ps"           "purrr"
#> [97] "qpdf"        "R.cache"     "R.methodsS3"  "R.oo"
#> [101] "R.utils"     "R6"          "ragg"         "rappdirs"
#> [105] "rcmdcheck"   "RColorBrewer" "Rcpp"         "readr"
#> [109] "readxl"      "rematch"     "rematch2"     "remotes"
#> [113] "reprex"      "rex"         "rhub"         "rlang"
#> [117] "rmarkdown"   "roxygen2"     "rprojroot"    "rstudioapi"
#> [121] "rversions"   "rvest"       "sass"         "scales"
#> [125] "selectr"     "sessioninfo" "shiny"        "sourcetools"
#> [129] "stringi"     "stringr"     "styler"       "sys"
#> [133] "systemfonts" "testthat"    "textshaping"  "tibble"
#> [137] "tidyr"       "tidyselect"  "tidyverse"    "tinytex"
#> [141] "tzdb"        "urlchecker"  "usethis"      "utf8"
#> [145] "uuid"        "vctrs"       "viridisLite"  "vroom"
#> [149] "waldo"       "whisker"     "whoami"       "withr"
#> [153] "xfun"        "xml2"        "xmlparsedata" "xopen"
#> [157] "xtable"      "yaml"        "zip"          "base"
#> [161] "boot"        "class"       "cluster"      "codetools"
#> [165] "compiler"    "datasets"    "foreign"      "graphics"
#> [169] "grDevices"   "grid"        "KernSmooth"   "lattice"
#> [173] "MASS"        "Matrix"      "methods"      "mgcv"
#> [177] "nlme"        "nnet"        "parallel"     "rpart"

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#> [181] "spatial"      "splines"      "stats"        "stats4"
#> [185] "survival"     "tcltk"        "tools"        "utils"
```

## References

R Core Team. (2022). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>