

# Session Info

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## Session

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sessionInfo()

#> R version 4.2.3 (2023-03-15)
#> 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_4.2.3      rprojroot_2.0.3      tools_4.2.3
#> [4] rProject_0.0.0.9000 highr_0.10            knitr_1.42
#> [7] xfun_0.38           evaluate_0.20
```

## Packages

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

#> [1] "askpass"          "assertthat"        "backports"         "base64enc"
#> [5] "betaNB"           "bit"               "bit64"             "blob"
#> [9] "brew"             "brio"              "broom"             "bslib"
#> [13] "cachem"           "callr"             "cellranger"        "cli"
#> [17] "clipr"            "colorspace"        "commonmark"        "conflicted"
#> [21] "covr"             "cpp11"             "crayon"            "credentials"
#> [25] "curl"             "cyclocomp"         "data.table"        "DBI"
#> [29] "dbplyr"           "desc"              "devtools"          "diffobj"
#> [33] "digest"           "distrib"           "downlit"           "dplyr"
#> [37] "dtplyr"           "ellipsis"          "evaluate"          "fansi"
#> [41] "farver"           "fastmap"           "fontawesome"       "forcats"
#> [45] "fs"               "gargle"            "generics"          "gert"
#> [49] "ggplot2"          "gh"                "gitcreds"          "glue"
#> [53] "googledrive"      "googlesheets4"    "gtable"            "haven"
#> [57] "highr"            "hms"               "htmltools"         "htmlwidgets"
#> [61] "httpuv"           "httr"              "httr2"             "ids"
#> [65] "ini"              "isoband"           "jquerylib"         "jsonlite"
#> [69] "knitr"            "labeling"          "later"             "lazyeval"
```

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#> [73] "lifecycle"      "lintr"          "lubridate"      "magick"
#> [77] "magrittr"       "memoise"        "microbenchmark" "mime"
#> [81] "miniUI"         "modelr"         "munsell"        "openssl"
#> [85] "parsedate"      "pdftools"       "pillar"         "pkgbuild"
#> [89] "pkgconfig"      "pkgdown"        "pkgload"        "praise"
#> [93] "prettyunits"    "processx"       "profvis"        "progress"
#> [97] "promises"       "ps"             "purrr"          "qpdf"
#> [101] "R.cache"        "R.methodsS3"    "R.oo"           "R.utils"
#> [105] "R6"             "ragg"           "rappdirs"       "rcmdcheck"
#> [109] "RColorBrewer"   "Rcpp"           "readr"          "readxl"
#> [113] "rematch"        "rematch2"       "remotes"        "reprex"
#> [117] "rex"            "rhub"           "rlang"          "rmarkdown"
#> [121] "roxygen2"       "rProject"       "rprojroot"      "rstudioapi"
#> [125] "rversions"      "rvest"          "sass"           "scales"
#> [129] "selectr"        "sessioninfo"    "shiny"          "sourcetools"
#> [133] "stringi"        "stringr"        "styler"         "sys"
#> [137] "systemfonts"    "testthat"       "textshaping"    "tibble"
#> [141] "tidyr"          "tidyselect"     "tidyverse"      "timechange"
#> [145] "tinytex"        "tzdb"           "urlchecker"     "usethis"
#> [149] "utf8"           "uuid"           "vctrs"          "viridisLite"
#> [153] "vroom"          "waldo"          "whisker"        "whoami"
#> [157] "withr"          "xfun"           "xml2"           "xmlparsedata"
#> [161] "xopen"          "xtable"         "yaml"           "zip"
#> [165] "base"           "boot"           "class"          "cluster"
#> [169] "codetools"      "compiler"       "datasets"       "foreign"
#> [173] "graphics"       "grDevices"      "grid"           "KernSmooth"
#> [177] "lattice"        "MASS"           "Matrix"         "methods"

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#> [181] "mgcv"          "nlme"          "nnet"          "parallel"
#> [185] "rpart"         "spatial"       "splines"       "stats"
#> [189] "stats4"       "survival"      "tcltk"        "tools"
#> [193] "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/>