

This report is fully automated and builds on rhub/ref-image image.

2025-10-09 12:00:00

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1 Context

Documents the installation of this package on an open source R environment, focusing on:

- Installation environment description
- Testing coverage

It is limited to assess whether unit tests and documentation are present and can execute without error. An assessment would be required that the tests and documentation are meaningful.

2 Package dplyr

2.1 Metric based risk assessment

The following metrics are derived from the riskmetric R package.

Downloads.1.year	Reverse.dependencies	License	Origin
17965873	5458	MIT + file LICENSE	NA

Section	Values
Has news	Yes
Exported namespace	293
Has vignettes	Yes
Export help	293
Has website	Yes
Has maintainer	Hadley Wickham hadley@posit.co
Bugs status	43.33% closed
Size codebase	10022
Has bug reports url	Yes

Section	Values
Has examples	93.86%
Dependencies	13
News current	Yes
Has source control	https://github.com/tidyverse/dplyr

3 Installation environment

3.1 System Info

Field	Value
Image	rhub/ref-image
OS	Ubuntu 22.04.5 LTS
Platform	x86_64-pc-linux-gnu
System	x86_64, linux-gnu
Execution Time	2025-10-09 14:23:19 UTC

3.2 R Session Info

```
R version 4.3.3 (2024-02-29)
Platform: x86_64-pc-linux-gnu (64-bit)
Running under: Ubuntu 22.04.5 LTS

Matrix products: default
BLAS:   /usr/lib/x86_64-linux-gnu/openblas-pthread/libblas.so.3
LAPACK: /usr/lib/x86_64-linux-gnu/openblas-pthread/libopenblas-r0.3.20.so; LAPACK version
3.10.0

locale:
 [1] LC_CTYPE=en_US.UTF-8      LC_NUMERIC=C
 [3] LC_TIME=en_US.UTF-8      LC_COLLATE=en_US.UTF-8
 [5] LC_MONETARY=en_US.UTF-8  LC_MESSAGES=en_US.UTF-8
 [7] LC_PAPER=en_US.UTF-8     LC_NAME=C
 [9] LC_ADDRESS=C             LC_TELEPHONE=C
[11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C

time zone: Etc/UTC
tzcode source: system (glibc)

attached base packages:
[1] tools      stats      graphics  grDevices  utils      datasets  methods
[8] base

other attached packages:
[1] riskreports_0.0.0.9006 knitr_1.46

loaded via a namespace (and not attached):
 [1] utf8_1.2.4      xml2_1.3.6      stringi_1.8.3
```

```

[4] digest_0.6.35      magrittr_2.0.3      evaluate_0.23
[7] pkgload_1.3.4       fastmap_1.1.1       jsonlite_1.8.8
[10] processx_3.8.4      pkgbuild_1.4.4      sessioninfo_1.2.2
[13] cranlogs_2.1.1      backports_1.4.1     urltools_1.7.3
[16] urlchecker_1.0.1    ps_1.7.6            promises_1.3.0
[19] BiocManager_1.30.22 httr_1.4.7          fansi_1.0.6
[22] purrr_1.0.2         lazyeval_0.2.2      cli_3.6.2
[25] shiny_1.8.1.1       rlang_1.1.3         covr_3.6.4
[28] triebeard_0.4.1     ellipsis_0.3.2      reactR_0.5.0
[31] remotes_2.5.0       cachem_1.0.8        yaml_2.3.8
[34] devtools_2.4.5      memoise_2.0.1       httpuv_1.6.15
[37] curl_5.2.1          vctrs_0.6.5         R6_2.5.1
[40] mime_0.12           lifecycle_1.0.4     reactable_0.4.4
[43] stringr_1.5.1       fs_1.6.3            htmlwidgets_1.6.4
[46] usethis_2.2.3       miniUI_0.1.1.1      pkgconfig_2.0.3
[49] callr_3.7.6         rex_1.2.1           pillar_1.9.0
[52] later_1.3.2         glue_1.7.0          profvis_0.3.8
[55] Rcpp_1.0.12         tibble_3.2.1        xfun_0.43
[58] xtable_1.8-4        riskmetric_0.2.4    htmltools_0.5.8.1
[61] rmarkdown_2.26      compiler_4.3.3

```

```

OS.type      file.sep dynlib.ext      GUI      endian      pkgType      path.sep
"unix"       "/"      ".so"          "X11"    "little"    "source"     ":"
r_arch
""

```

```

jpeg      png      tiff      tcltk      X11      aqua
TRUE      TRUE     TRUE      TRUE      FALSE    FALSE
http/ftp  sockets libxml     fifo      ccredit   iconv
TRUE      TRUE     FALSE     TRUE      FALSE    TRUE
NLS       Rprof   profmem   cairo      ICU      long.double
TRUE      TRUE     TRUE      TRUE      TRUE     TRUE
libcurl
TRUE

```

```

      zlib
      "1.2.11"
      bzlib
      "1.0.8, 13-Jul-2019"
      xz
      "5.2.5"
      PCRE
      "10.39 2021-10-29"
      ICU
      "70.1"
      TRE
      "TRE 0.8.0 R_fixes (BSD)"
      iconv
      "glibc 2.35"
      readline
      "8.1"

```

```

BLAS
"/usr/lib/x86_64-linux-gnu/openblas-pthread/libblas.so.3"

```

```

      cairo      cairoFT      pango
    "1.16.0"      ""      "1.50.6"
      libpng      jpeg      libtiff
    "1.6.37"      "8.0" "LIBTIFF, Version 4.3.0"

```

```

      double.eps      double.neg.eps      double.xmin
    2.220446e-16      1.110223e-16      2.225074e-308
      double.xmax      double.base      double.digits
    1.797693e+308      2.000000e+00      5.300000e+01
      double.rounding      double.guard      double.ulp.digits
    5.000000e+00      0.000000e+00      -5.200000e+01
      double.neg.ulp.digits      double.exponent      double.min.exp
    -5.300000e+01      1.100000e+01      -1.022000e+03
      double.max.exp      integer.max      sizeof.long
    1.024000e+03      2.147484e+09      8.000000e+00
      sizeof.longlong      sizeof.longdouble      sizeof.pointer
    8.000000e+00      1.600000e+01      8.000000e+00
      sizeof.time_t      longdouble.eps      longdouble.neg.eps
    8.000000e+00      1.084202e-19      5.421011e-20
      longdouble.digits      longdouble.rounding      longdouble.guard
    6.400000e+01      5.000000e+00      0.000000e+00
      longdouble.ulp.digits      longdouble.neg.ulp.digits      longdouble.exponent
    -6.300000e+01      -6.400000e+01      1.500000e+01
      longdouble.min.exp      longdouble.max.exp
    -1.638200e+04      1.638400e+04

```

```

[1] "Mersenne-Twister" "Inversion"      "Rejection"

```

3.3 Information about the environment

Environmental and options variables affect how package checks and software in it might behave.

```

BROWSER      /vscode/bin/linux-x64/385651c938df8a906869babee516bffd0ddb9829/bin/
helpers/browser.sh
CALLR_PROCESSX_CLIENT_LIB
      /tmp/Rtmp26sQnQ/file2705ef9aa41/processx
CLOUDENV_ENVIRONMENT_ID
      6207f5df-25d8-4cdd-9a2a-cd7f362d75c6
CODESPACE_NAME      cautious-space-capybara-q55x55j7742x7g6
CODESPACE_VSCODE_FOLDER
      /workspaces/riskreports
CODESPACES      true
COLORTERM      truecolor
COLUMNS      160
ContainerVersion      13
CRAN      https://p3m.dev/cran/__linux__/jammy/2024-04-23
DEFAULT_USER      rstudio
DENO_DOM_PLUGIN      /opt/quarto/bin/tools/x86_64/deno_dom/libplugin.so

```

```

DENO_NO_UPDATE_CHECK      1
DENO_TLS_CA_STORE         system,mozilla
EDITOR                    vi
FEATURE_SPARK_POST_COMMIT_CREATE_ITERATION
                           true
GIT_ASKPASS               /vscode/bin/linux-alpine/385651c938df8a906869babee516bffd0ddb9829/
                           extensions/git/dist/askpass.sh
GIT_EDITOR                code --wait
GITHUB_API_URL            https://api.github.com
GITHUB_CODESPACE_TOKEN    AB4TMKP3JWVFLCJ0H4B6XLI5BTT7ANCNFSM4AQDFUXA
GITHUB_CODESPACES_PORT_FORWARDING_DOMAIN
                           app.github.dev
GITHUB_GRAPHQL_URL        https://api.github.com/graphql
GITHUB_REPOSITORY         pharmaR/riskreports
GITHUB_SERVER_URL         https://github.com
GITHUB_TOKEN              ghu_Lh0IsZbWkwhtWkIDg6kh0WzegxMof3VvHHB
GITHUB_USER               Zhenglei-BCS
HOME                      /home/rstudio
HOSTNAME                  codespaces-f7407c
INTERNAL_VSCS_TARGET_URL
                           https://westeurope.online.visualstudio.com
LANG                      en_US.UTF-8
LD_LIBRARY_PATH           /usr/local/lib/R/lib:/usr/local/lib:/usr/lib/x86_64-linux-gnu:/usr/
                           lib/jvm/java-11-openjdk-amd64/lib/server:/usr/local/lib/R/lib:/usr/local/lib:/usr/lib/
                           x86_64-linux-gnu:/usr/lib/jvm/java-11-openjdk-amd64/lib/server
LESSCLOSE                 /usr/bin/lesspipe %s %s
LESSOPEN                  | /usr/bin/lesspipe %s
LINES                     16
LN_S                      ln -s
LS_COLORS                 rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=00:su=37
MAKE                      make
OLDPWD                    /
PAGER                     /usr/bin/pager
PATH                      /vscode/bin/linux-x64/385651c938df8a906869babee516bffd0ddb9829/bin/
                           remote-cli:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/home/
                           rstudio/.local/bin
PKGLOAD_PARENT_TEMPDIR   /tmp/Rtmp26sQnQ
PROCESSX_PSEBD1D2CK04_1760019783
                           YES
PROMPT_DIRTRIM            4
PWD                       /workspaces/riskreports
QUARTO_BIN_PATH           /opt/quarto/bin
QUARTO_DENO               /opt/quarto/bin/tools/x86_64/deno
QUARTO_DOCUMENT_FILE      validation_report_dplyr_v1.1.4.qmd
QUARTO_DOCUMENT_PATH      inst/dev/TMP_tests
QUARTO_EXECUTE_INFO       /tmp/quarto-session75586ee13a772a9/
                           b4bd3e08a7cbc69b/19c8316a1f55337d
QUARTO_FILTER_DEPENDENCY_FILE
                           /tmp/quarto-
                           session75586ee13a772a9/4ddeb93dfd1fd105/5b49d7e5d4761af6

```

```

QUARTO_PROJECT_ROOT    /workspaces/riskreports/inst/dev/TMP_tests
QUARTO_ROOT            /
QUARTO_SHARE_PATH      /opt/quarto/share
R_ARCH                xdg-open
R_BROWSER              xdg-open
R_BZIPCMD              /usr/bin/bzip2
R_DOC_DIR              /usr/local/lib/R/doc
R_GZIPCMD              /usr/bin/gzip
R_HOME                /usr/local/lib/R
R_INCLUDE_DIR          /usr/local/lib/R/include
R_LIBS                 /usr/local/lib/R/site-library:/usr/local/lib/R/library
R_LIBS_SITE            /usr/local/lib/R/site-library
R_LIBS_USER            /home/rstudio/R/x86_64-pc-linux-gnu-library/4.3
R_PAPERSIZE            letter
R_PAPERSIZE_USER       letter
R_PDFVIEWER            /usr/bin/xdg-open
R_PLATFORM             x86_64-pc-linux-gnu
R_PRINTCMD             /usr/bin/lpr
R_RD4PDF               times,inconsolata,hyper
R_SESSION_TMPDIR       /tmp/Rtmp0vktAh
R_SHARE_DIR            /usr/local/lib/R/share
R_STRIP_SHARED_LIB      strip --strip-unneeded
R_STRIP_STATIC_LIB      strip --strip-debug
R_SYSTEM_ABI           linux,gcc,gxx,gfortran,gfortran
R_TEXI2DVICMD          /usr/bin/texi2dvi
R_UNZIPCMD             /usr/bin/unzip
R_VERSION              4.3.3
R_ZIPCMD               /usr/bin/zip
RepositoryName         riskreports
RSTUDIO_VERSION        2023.12.1+402
S6_VERSION             v2.1.0.2
SED                    /usr/bin/sed
SHELL                  /bin/bash
SHELL_LOGGED_IN        true
SHLVL                  3
TAR                    /usr/bin/tar
TERM                   xterm-256color
TERM_PROGRAM           vscode
TERM_PROGRAM_VERSION   1.104.3
TZ                     Etc/UTC
USER                   rstudio
VSCODE_GIT_ASKPASS_EXTRA_ARGS

VSCODE_GIT_ASKPASS_MAIN
                        /vscode/bin/linux-alpine/385651c938df8a906869babee516bff0dddb9829/
extensions/git/dist/askpass-main.js
VSCODE_GIT_ASKPASS_NODE
                        /vscode/bin/linux-alpine/385651c938df8a906869babee516bff0dddb9829/
node
VSCODE_GIT_IPC_HANDLE  /tmp/vscode-git-fcf4c6f952.sock
VSCODE_IPC_HOOK_CLI    /tmp/vscode-ipc-b778f9bc-8f4c-4c87-bebe-556fc5c40deb.sock
VSCODE_PYTHON_AUTOACTIVATE_GUARD
1

```

```

$add.smooth
[1] TRUE

$bitmapType
[1] "cairo"

$browser
[1] "xdg-open"

$browserNLdisabled
[1] FALSE

$callr.condition_handler_cli_message
function (msg)
{
  custom_handler <- getOption("cli.default_handler")
  if (is.function(custom_handler)) {
    custom_handler(msg)
  }
  else {
    cli_server_default(msg)
  }
}
<bytecode: 0x58fa0905c938>
<environment: namespace:cli>

$CBoundsCheck
[1] FALSE

$check.bounds
[1] FALSE

$citation.bibtex.max
[1] 1

$continue
[1] "+ "

$contrasts
      unordered      ordered
"contr.treatment" "contr.poly"

$covr.covrignore
[1] ".covrignore"

$covr.exclude_end
#[[:space:]]*nocov[[:space:]]*end

$covr.exclude_pattern
#[[:space:]]*nocov

$covr.exclude_start
#[[:space:]]*nocov[[:space:]]*start

```

```

$covr.flags
      CFLAGS      CXXFLAGS      CXX1XFLAGS      CXX11FLAGS
"-00 --coverage" "-00 --coverage" "-00 --coverage" "-00 --coverage"
      CXX14FLAGS      CXX17FLAGS      CXX20FLAGS      FFLAGS
"-00 --coverage" "-00 --coverage" "-00 --coverage" "-00 --coverage"
      FCFLAGS      FLIBS      LDFLAGS
"-00 --coverage"      "-lgcov"      "--coverage"

$covr.gcov
      gcov
"/usr/bin/gcov"

$covr.icov
codecov
""

$covr.icov_flags
      CFLAGS      CXXFLAGS      CXX1XFLAGS
"-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos"
      CXX11FLAGS      CXX14FLAGS      CXX17FLAGS
"-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos"
      CXX20FLAGS      FFLAGS      FCFLAGS
"-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos"
      LDFLAGS      SHLIB_LIBADD
"-00 -prof-gen=srcpos" "-00 -prof-gen=srcpos"

$covr.icov_prof
profmerge
""

$covr.record_tests
[1] TRUE

$defaultPackages
[1] "datasets" "utils"      "grDevices" "graphics"  "stats"      "methods"

$demo.ask
[1] "default"

$deparse.cutoff
[1] 60

$device
function (width = 7, height = 7, ...)
{
  grDevices::pdf(NULL, width, height, ...)
}
<bytecode: 0x58fa07ed4400>
<environment: namespace:knitr>

$device.ask.default
[1] FALSE

```



```

$devtools.ellipsis_action
function (message = NULL, class = NULL, ..., body = NULL, footer = NULL,
  parent = NULL, use_cli_format = NULL, .inherit = NULL, .frequency = c("always",
  "regularly", "once"), .frequency_id = NULL, .subclass = deprecated())
{
  message <- validate_signal_args(message, class, NULL, .subclass,
    "warn")
  message_info <- cnd_message_info(message, body, footer, caller_env(),
    use_cli_format = use_cli_format)
  message <- message_info$message
  extra_fields <- message_info$extra_fields
  use_cli_format <- message_info$use_cli_format
  .frequency <- arg_match0(.frequency, c("always", "regularly",
    "once"))
  if (!needs_signal(.frequency, .frequency_id, warning_freq_env,
    "rlib_warning_verbosity")) {
    return(invisible(NULL))
  }
  if (!is_null(parent)) {
    if (is_null(.inherit)) {
      .inherit <- !inherits(parent, "error")
    }
    extra_fields$rlang <- c(extra_fields$rlang, list(inherit = .inherit))
  }
  cnd <- warning_cnd(class, message = message, !!!extra_fields,
    use_cli_format = use_cli_format, parent = parent, ...)
  cnd$footer <- c(cnd$footer, message_freq(message, .frequency,
    "warning"))
  local_long_messages()
  warning(cnd)
}
<bytecode: 0x58fa0bd4f630>
<environment: namespace:rlang>

$devtools.install.args
[1] ""

$devtools.path
[1] "~/R-dev"

$digits
[1] 7

$download.file.method
[1] "libcurl"

$dvipscmd
[1] "dvips"

$echo
[1] FALSE

```

```
$editor
[1] "vi"

$encoding
[1] "native.enc"

$example.ask
[1] "default"

$expressions
[1] 5000

$help.search.types
[1] "vignette" "demo"      "help"

$help.try.all.packages
[1] FALSE

$htmltools.preserve.raw
[1] TRUE

$HTTPUserAgent
[1] "R/4.3.3 R (4.3.3 x86_64-pc-linux-gnu x86_64 linux-gnu)"

$httr_oauth_cache
[1] NA

$httr_oob_default
[1] FALSE

$internet.info
[1] 2

$keep.parse.data
[1] TRUE

$keep.parse.data.pkgs
[1] FALSE

$keep.source
[1] FALSE

$keep.source.pkgs
[1] FALSE

$knitr.in.progress
[1] TRUE

$locatorBell
[1] TRUE

$mailer
[1] "mailto"
```

```
$matprod
[1] "default"

$max.contour.segments
[1] 25000

$max.print
[1] 99999

$menu.graphics
[1] TRUE

$na.action
[1] "na.omit"

$nwarnings
[1] 50

$OutDec
[1] "."

$pager
[1] "/usr/local/lib/R/bin/pager"

$papersize
[1] "letter"

$PCRE_limit_recursion
[1] NA

$PCRE_study
[1] FALSE

$PCRE_use_JIT
[1] TRUE

$pdffviewer
[1] "/usr/bin/xdg-open"

$pkgType
[1] "source"

$sprintcmd
[1] "/usr/bin/lpr"

$prompt
[1] "> "

$repos
CRAN
"https://p3m.dev/cran/__linux__/jammy/2024-04-23"
```

```

$riskmetric.github_api_host
[1] "https://api.github.com"

$riskmetric.gitlab_api_host
[1] "https://gitlab.com/api/v4"

$riskmetric.per_package_request
[1] FALSE

$rl_word_breaks
[1] " \t\n\"\\'`>=<=,;,&{()}"

$scipen
[1] 0

$show.coef.Pvalues
[1] TRUE

$show.error.messages
[1] TRUE

$show.signif.stars
[1] TRUE

$showErrorCalls
[1] TRUE

$showNCalls
[1] 50

$showWarnCalls
[1] FALSE

$str
$str$strict.width
[1] "no"

$str$digits.d
[1] 3

$str$vec.len
[1] 4

$str$list.len
[1] 99

$str$deparse.lines
NULL

$str$drop.deparse.attr
[1] TRUE

$str$formatNum

```

```

function (x, ...)
format(x, trim = TRUE, drop0trailing = TRUE, ...)
<environment: 0x58fa08f25440>

$str.dendrogram.last
[1] ""

$texi2dvi
[1] "/usr/bin/texi2dvi"

$tikzMetricsDictionary
[1] "validation_report_dplyr_v1.1.4-tikzDictionary"

$timeout
[1] 60

$try.outFile
A connection with
description "output"
class      "textConnection"
mode       "wr"
text       "text"
opened     "opened"
can read   "no"
can write  "yes"

$ts.eps
[1] 1e-05

$ts.S.compat
[1] FALSE

$unzip
[1] "/usr/bin/unzip"

$useFancyQuotes
[1] FALSE

$verbose
[1] FALSE

$warn
[1] 0

$warning.length
[1] 1000

$warnPartialMatchArgs
[1] FALSE

$warnPartialMatchAttr
[1] FALSE

```

```
$warnPartialMatchDollar  
[1] FALSE
```

```
$width  
[1] 80
```