

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

2025-09-01 12:00:00

Table of contents

1	Context	1
2	Package dplyr	1
2.1	Metric based risk assessment	1
3	Installation environment	2
3.1	System Info	2
3.2	R Session Info	2
3.3	Information about the environment	4

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	2025-09-01 21:08:18 UTC

3.2 R Session Info

```
R version 4.5.1 (2025-06-13)
Platform: x86_64-pc-linux-gnu
Running under: Ubuntu 22.04.5 LTS

Matrix products: default
BLAS:   /usr/lib/x86_64-linux-gnu/blas/libblas.so.3.10.0
LAPACK: /usr/lib/x86_64-linux-gnu/lapack/liblapack.so.3.10.0  LAPACK version 3.10.0

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

time zone: America/Bahia
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_1.50

loaded via a namespace (and not attached):
 [1] xml2_1.3.8      digest_0.6.37    magrittr_2.0.3
 [4] evaluate_1.0.4  pkgload_1.4.0    fastmap_1.2.0
```

```

[7] jsonlite_2.0.0      processx_3.8.6      pkgbuild_1.4.8
[10] sessioninfo_1.2.3   cranlogs_2.1.1      backports_1.5.0
[13] urltools_1.7.3.1    urlchecker_1.0.1    ps_1.9.1
[16] promises_1.3.3      BiocManager_1.30.26 httr_1.4.7
[19] purrr_1.0.4         crosstalk_1.2.1     lazyeval_0.2.2
[22] cli_3.6.5           shiny_1.11.1        rlang_1.1.6
[25] covr_3.6.4          triebeard_0.4.1     ellipsis_0.3.2
[28] reactR_0.6.1        remotes_2.5.0       cachem_1.1.0
[31] yaml_2.3.10         devtools_2.4.5      memoise_2.0.1
[34] httpuv_1.6.16       curl_6.4.0          vctrs_0.6.5
[37] R6_2.6.1            mime_0.13           lifecycle_1.0.4
[40] reactable_0.4.4     fs_1.6.6            htmlwidgets_1.6.4
[43] usethis_3.1.0       miniUI_0.1.2        pkgconfig_2.0.3
[46] callr_3.7.6         rex_1.2.1           pillar_1.11.0
[49] later_1.4.2         glue_1.8.0          profvis_0.4.0
[52] Rcpp_1.1.0          xfun_0.52           tibble_3.3.0
[55] xtable_1.8-4        riskmetric_0.2.5    htmltools_0.5.8.1
[58] rmarkdown_2.29      compiler_4.5.1

```

```

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     TRUE     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"
      libdeflate
      "1.10"
      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/blas/libblas.so.3.10.0"

```

```

                                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.

```

_R_CHECK_COMPILATION_FLAGS_KNOWN_
                                -Wformat -Werror=format-security -Wdate-time
CHROME_DESKTOP                                code.desktop
COLORTERM                                truecolor
DBUS_SESSION_BUS_ADDRESS                                unix:path=/run/user/1000/bus
DENO_DOM_PLUGIN                                /opt/quarto/bin/tools/x86_64/deno_dom/libplugin.so
DENO_NO_UPDATE_CHECK                                1
DENO_TLS_CA_STORE                                system,mozilla
DESKTOP_SESSION                                ubuntu
DISPLAY                                :0
EDITOR                                vi
GDK_BACKEND                                x11
GDMSESSION                                ubuntu
GIT_ASKPASS                                /usr/share/code/resources/app/extensions/git/dist/askpass.sh
GNOME_DESKTOP_SESSION_ID

```

```

this-is-deprecated
GNOME_SETUP_DISPLAY :1
GNOME_SHELL_SESSION_MODE
ubuntu
GNOME_TERMINAL_SCREEN /org/gnome/Terminal/screen/2e0c3286_f133_4643_8280_2cd19254a969
GNOME_TERMINAL_SERVICE
:1.138
GTK_MODULES gail:atk-bridge
HOME /home/osenan
LANG en_US.UTF-8
LC_ADDRESS pt_BR.UTF-8
LC_IDENTIFICATION pt_BR.UTF-8
LC_MEASUREMENT pt_BR.UTF-8
LC_MONETARY pt_BR.UTF-8
LC_NAME pt_BR.UTF-8
LC_NUMERIC pt_BR.UTF-8
LC_PAPER pt_BR.UTF-8
LC_TELEPHONE pt_BR.UTF-8
LC_TIME pt_BR.UTF-8
LD_LIBRARY_PATH /usr/lib/R/lib:/usr/lib/x86_64-linux-gnu:/usr/lib/jvm/default-java/lib/server:/usr/lib/jvm/default-java/lib/server:/usr/lib/R/lib:/usr/lib/x86_64-linux-gnu:/usr/lib/jvm/default-java/lib/server
LESS -R
LN_S ln -s
LOGNAME osenan
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
LSCOLORS Gxfxcxdxbxegedabagacad
MAKE make
OLDPWD /home/osenan/Documents/Appsilon
ORIGINAL_XDG_CURRENT_DESKTOP
ubuntu:GNOME
PAGER less
PATH /opt/quarto/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin:/home/osenan/.local/bin:/home/osenan/.config/Code/User/globalStorage/github.copilot-chat/debugCommand
PKGLOAD_PARENT_TEMPDIR /tmp/RtmpGanFVt
PROCESSX_PS330251442c0_1756760885
YES
PWD /home/osenan/Documents/Appsilon/riskreports
QT_ACCESSIBILITY 1
QT_IM_MODULE ibus
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 pkgdown/assets
QUARTO_FILTER_DEPENDENCY_FILE /tmp/quarto-session79ffcff44b9056c2/28ff77986cc862f1/55d41bbc53d4f1d7
QUARTO_PROJECT_ROOT /home/osenan/Documents/Appsilon/riskreports/pkgdown/assets
QUARTO_ROOT /
QUARTO_SHARE_PATH /opt/quarto/share

```

```

R_ARCH
R_BROWSER                xdg-open
R_BZIPCMD                /bin/bzip2
R_DOC_DIR                /usr/share/R/doc
R_GZIPCMD                /bin/gzip -n
R_HOME                   /usr/lib/R
R_INCLUDE_DIR            /usr/share/R/include
R_LD_LIBRARY_PATH        /usr/lib/R/lib:/usr/lib/x86_64-linux-gnu:/usr/lib/jvm/default-java/
lib/server:/usr/lib/jvm/default-java/lib/server
R_LIBS_SITE              /usr/local/lib/R/site-library:/usr/local/lib/R/site-library:/usr/
local/lib/R/site-library:/usr/lib/R/site-library:/usr/lib/R/library:/usr/lib/R/library
R_LIBS_USER              /home/osenan/R/x86_64-pc-linux-gnu-library/4.5
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_PROFILE_USER
R_PROFILE_USER_OLD
R_RD4PDF                 times,inconsolata,hyper
R_SESSION_TMPDIR         /tmp/RtmpGanFVt
R_SHARE_DIR              /usr/share/R/share
R_STRIP_SHARED_LIB       strip --strip-unneeded
R_STRIP_STATIC_LIB       strip --strip-debug
R_TEXI2DVICMD            /usr/bin/texi2dvi
R_UNZIPCMD               /usr/bin/unzip
R_ZIPCMD                 /usr/bin/zip
RADIAN_COMMAND_ARGS      --no-save --no-restore
RADIAN_VERSION           0.6.13
RCHITECT_REGISTER_SIGNAL_HANDLERS
                           1
RCHITECT_RETICULATE_CONFIG
                           0
SED                       /bin/sed
SESSION_MANAGER           local/osenan-ThinkPad-T14-Gen-1:@/tmp/.ICE-unix/3092,unix/osenan-
ThinkPad-T14-Gen-1:/tmp/.ICE-unix/3092
SHELL                    /usr/bin/zsh
SHLVL                    2
SSH_AGENT_LAUNCHER       gnome-keyring
SSH_AGENT_PID            12687
SSH_AUTH_SOCK             /tmp/ssh-XXXXXXrJVy8A/agent.12686
SYSTEMD_EXEC_PID         3297
TAR                      /bin/tar
TERM                     xterm-256color
TERM_PROGRAM             vscode
TERM_PROGRAM_VERSION     1.102.3
USER                     osenan
VSCODE_GIT_ASKPASS_EXTRA_ARGS
VSCODE_GIT_ASKPASS_MAIN
                           /usr/share/code/resources/app/extensions/git/dist/askpass-main.js
VSCODE_GIT_ASKPASS_NODE
                           /usr/share/code/code

```

```

VSCODE_GIT_IPC_HANDLE    /run/user/1000/vscode-git-01add43d82.sock
VSCODE_INIT_R            /home/osenan/.vscode/extensions/reditorsupport.r-2.8.6/R/session/
init.R
VSCODE_WATCHER_DIR       /home/osenan/.vscode-R
VTE_VERSION              6800
WAYLAND_DISPLAY          wayland-0
XAUTHORITY               /run/user/1000/.mutter-Xwaylandauth.Z0SFC3
XDG_CURRENT_DESKTOP      Unity
XDG_DATA_DIRS            /usr/local/share/:/usr/share/:/var/lib/snapd/desktop
XDG_MENU_PREFIX          gnome-
XDG_RUNTIME_DIR          /run/user/1000
XDG_SESSION_CLASS        user
XDG_SESSION_DESKTOP      ubuntu
XDG_SESSION_TYPE         wayland
XMODIFIERS               @im=ibus
ZSH                      /home/osenan/.oh-my-zsh

```

```

$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: 0x60bc87dbc350>
<environment: namespace:cli>

$catch.script.errors
[1] FALSE

$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: 0x60bc887574b0>
<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: 0x60bc8a67b500>
<environment: namespace:rlang>

$devtools.install.args
[1] ""

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

$digits
[1] 7

$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 (4.5.1 x86_64-pc-linux-gnu x86_64 linux-gnu)"

$htr_oauth_cache
[1] NA

$htr_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/lib/R/bin/pager"

$papersize
[1] "letter"

$PCRE_limit_recursion
[1] NA

$PCRE_study
[1] FALSE

$PCRE_use_JIT
```

```
[1] TRUE

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

$pkgType
[1] "source"

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

$prompt
[1] "> "

$repos
                                CRAN
"https://cloud.r-project.org"

$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\\\"\\'`>=<=%,|&{()}"

$rlang_trace_top_env
<environment: R_GlobalEnv>

$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: 0x60bc8705b190>

$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 ""
class      "file"
mode       "w+b"
text       "binary"
opened     "opened"
can read   "yes"
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
```