

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

2025-09-01 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	2025-09-01 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-gnublas/libblas.so.3.10.0
LAPACK: /usr/lib/x86_64-linux-gnulapack/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] purrrr_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          tribeard_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	cledit	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_PROFILE_USER_OLD  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

```

```

VS CODE GIT IPC HANDLE /run/user/1000/vscode-git-01add43d82.sock
VS CODE INIT R /home/osenan/.vscode/extensions/reditorsupport.r-2.8.6/R/session/
init.R
VS CODE 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_verbose")) {
    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)"

$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/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
```