

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-p0.3.20.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] purrrr_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] tribeard_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	cldedit	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    AB4TMKP3JWVFVLCJ0H4B6XLI5BTT7ANCNFSM4AQDFUXA
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_Lh0IsZbWkwhctWkIDg6kh0WzegxMof3VvHHB
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
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/385651c938df8a906869babee516bffd0ddb9829/
extensions/git/dist/askpass-main.js
VSCODE_GIT_ASKPASS_NODE
                           /vscode/bin/linux-alpine/385651c938df8a906869babee516bffd0ddb9829/
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

$0utDec
[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

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

$pkgType
[1] "source"

$printcmd
[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
```