

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

2025-11-13 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	Windows 11 x64 (build 22631)
Platform	x86_64-w64-mingw32
System	x86_64, mingw32
Execution Time	2025-11-13 14:29:39 UTC

3.2 R Session Info

```
R version 4.5.2 (2025-10-31 ucrt)
Platform: x86_64-w64-mingw32/x64
Running under: Windows 11 x64 (build 22631)

Matrix products: default
  LAPACK version 3.12.1

locale:
[1] LC_COLLATE=Spanish_Spain.utf8  LC_CTYPE=Spanish_Spain.utf8
[3] LC_MONETARY=Spanish_Spain.utf8 LC_NUMERIC=C
[5] LC_TIME=Spanish_Spain.utf8

time zone: Europe/Madrid
tzcode source: internal

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

other attached packages:
[1] val.report_0.0.0.9006 knitr_1.50

loaded via a namespace (and not attached):
[1] jsonlite_2.0.0      compiler_4.5.2      BiocManager_1.30.26
[4] Rcpp_1.1.0          xml2_1.4.1        covr_3.6.5
[7] urltools_1.7.3.1    callr_3.7.6       riskmetric_0.2.5
[10] triebeard_0.4.1    yaml_2.3.10      fastmap_1.2.0
[13] R6_2.6.1           curl_7.0.0       htmlwidgets_1.6.4
[16] backports_1.5.0    tibble_3.3.0      cranlogs_2.1.1
```

```
[19] reactable_0.4.4      pillar_1.11.1      rlang_1.1.6
[22] cachem_1.1.0        reactR_0.6.1       xfun_0.54
[25] fs_1.6.6             lazyeval_0.2.2     pkgload_1.4.1
[28] rex_1.2.1            memoise_2.0.1      cli_3.6.5
[31] magrittr_2.0.4       crosstalk_1.2.2    ps_1.9.1
[34] digest_0.6.37        processx_3.8.6    rstudioapi_0.17.1
[37] remotes_2.5.0.9000   devtools_2.4.6     lifecycle_1.0.4
[40] vctrs_0.6.5          evaluate_1.0.5     glue_1.8.0
[43] sessioninfo_1.2.3    pkgbuild_1.4.8     rmarkdown_2.30
[46] purrrr_1.1.0          httr_1.4.7        pkgconfig_2.0.3
[49] usethis_3.2.1         ellipsis_0.3.2     htmltools_0.5.8.1
```

OS.type	file.sep	dynlib.ext	GUI	endian	pkgType
"windows"	"/"	".dll"	"RTerm"	"little"	"win.binary"
path.sep	r_arch				
	";"	"x64"			

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

zlib		bzlib	xz
"1.3.1"	"1.0.8, 13-Jul-2019"		"5.8.1"
libdeflate		PCRE	ICU
"1.24"	"10.46 2025-08-27"		"77.1"
TRE		iconv	readline
"TRE 0.8.0 R_fixes (BSD)"		"win_iconv"	""
BLAS			
	" "		

cairo		cairoFT	pango
"1.18.4"	" "	" "	" "
libpng	jpeg	libtiff	
"1.6.50"	"9.6"	"LIBTIFF, Version 4.7.1"	

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	4.000000e+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.

```
_PSLockDownPolicy      0
_R_CHECK_LENGTH_1_LOGIC2_
                           warn
_R_CHECK_ORPHANED_     true
_R_CHECK_S3_METHODS_SHOW_POSSIBLE_ISSUES_
                           true
_R_CHECK_SYSTEM_CLOCK_
                           FALSE
_R_CHECK_THINGS_IN_TEMP_DIR_
                           TRUE
_R_COMPARE_LANG_OBJECTS
                           eqonly
_R_INSTALL_PACKAGES_ELAPSED_TIMEOUT_
                           0
_R_USE_PIPEBIND_       TRUE
ALLUSERSPROFILE        C:\ProgramData
AU-PREFIX              Madrid-IT
BPPDOMAIN_MANAGER_ASM EdrDotNet, Version=165.0.0.0, Culture=neutral,
                       PublicKeyToken=da1b3922653ea916
BPPDOMAIN_MANAGER_TYPE EdrDotNet.EdrAppDomainManager
CLICOLOR_FORCE         1
CommonProgramFiles      C:\Program Files\Common Files
CommonProgramFiles(x86) C:\Program Files (x86)\Common Files
CommonProgramW6432      C:\Program Files\Common Files
COMPUTERNAME            RMAMWM41853
ComSpec                 C:\WINDOWS\system32\cmd.exe
CONNECT_API_KEY         d0Iulr7Q4ZHoEIMhyH43RJ7jdfbM6g0l
CURL_CA_BUNDLE          C:/PROGRA~1/R/R-45~1.2/etc/curl-ca-bundle.crt
DENO_DOM_PLUGIN         C:
\Users\sanchosl\AppData\Local\Programs\Quarto\bin\tools\x86_64\deno_dom\plugin.dll
DENO_NO_UPDATE_CHECK    1
DENO_TLS_CA_STORE       system,mozilla
```

```
DISPLAY :0
DriverData C:\Windows\System32\Drivers\DriverData
EFC_12056 1
GFORTRAN_STDERR_UNIT -1
GFORTRAN_STDOUT_UNIT -1
GIT_ASKPASS rpostback-askpass
GIT_LFS_PATH C:\Program Files\Git LFS
GPPSiteSettings \\Rmamsapp01\gpp
HOME C:\Users\sanchosl\Documents
HOMEDRIVE C:
HOMEPATH \Users\sanchosl
IniLocation C:\Users\sanchosl\AppData\Local\Roche\Ini
JABRA_NATIVE_BLUETOOTH true
LANGUAGE en
LIBJABRA_TRACE_LEVEL INFO
LOCALAPPDATA C:\Users\sanchosl\AppData\Local
LOGONSERVER \\RMAMSEMEA01
MPLENGINE tkAgg
MSYS2_ENV_CONV_EXCL R_ARCH
NEXTHINK C:\Program Files\Nexthink\Collector
NO_COLOR TRUE
NOT_CRAN true
NUMBER_OF_PROCESSORS 12
ORCID_ID 0000-0001-9747-2570
ORIGINAL_XDG_CURRENT_DESKTOP undefined
OS Windows_NT
PATH C:\rtools45\x86_64-w64-mingw32.static.posix\bin;C:\rtools45\usr\bin;C:\rtools45\x86_64-w64-mingw32.static.posix\bin;C:\rtools45\usr\bin;C:\Program Files\R\R-4.5.2\bin\x64;C:\Program Files(x86)\Java\jre6\bin;C:\Program Files\Java\jre6\bin;C:\Windows\System32;C:\Windows;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files\WindowsPowerShell\scripts\HP.ClientScriptLibrary;C:\Program Files\Microsoft VS Code\bin;C:\Program Files\rig;C:\Program Files\R\bin;C:\Program Files\Git\cmd;C:\Program Files(x86)\GnuPG\bin;C:\Program Files\Meld;C:\Program Files\smimesign;C:\Program Files\Git LFS;C:\Program Files\RedHat\Podman;C:\Users\sanchosl\AppData\Roaming\TinyTeX\bin\windows;C:\Users\sanchosl\AppData\Local\Programs\Quarto\bin;C:\Users\sanchosl\.local\bin;C:\Users\sanchosl\AppData\Local\Microsoft\WindowsApps;C:\Users\sanchosl\AppData\Local\GitHubDesktop\bin;C:\Users\sanchosl\AppData\Local\Packages\PythonSoftwareFoundation.Python3.12_qbz5n2kfra8p0\LocalCache\local packages\Python312\Scripts;C:\Users\sanchosl\AppData\Local\Pandoc;C:\Users\sanchosl\AppData\Local\Programs\MiKTeX\miktex\bin\x64;C:\Users\sanchosl\AppData\Local\Microsoft\WinGet\Packages\Schniz.fnm_Microsoft.Winget.Source_8wekyb3d8bbw;C:\Users\sanchosl\.git-secrets;C:
```

```
\Users\sanchosl\AppData\Local\packages\PythonSoftwareFoundation.Python.3.12_qbz5n2kfra8p0\LocalCache\local-packages\Python312\Scripts;C:\Users\sanchosl\AppData\Local\Programs\Positron\bin;C:\Users\sanchosl\AppData\Local\Programs\Ollama;C:\Users\sanchosl\AppData\Local\Programs\Quarto\bin;C:\Program Files\RStudio\resources\app\bin\postback
PATHEXT .COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PKGLOAD_PARENT_TEMPDIR C:\Users\sanchosl\AppData\Local\Temp\RtmpEFVMfU
PROCESSOR_ARCHITECTURE AMD64
PROCESSOR_IDENTIFIER Intel64 Family 6 Model 154 Stepping 4, GenuineIntel
PROCESSOR_LEVEL 6
PROCESSOR_REVISION 9a04
PROCESSX_PS793c4c2aae6_1763044152 YES
ProgramData C:\ProgramData
ProgramW6432 C:\Program Files
PROMPT $P$G
PSModulePath C:\Program Files\WindowsPowerShell\Modules;C:\WINDOWS\system32\WindowsPowerShell\v1.0\Modules
PUBLIC C:\Users\Public
PYTHONIOENCODING utf-8
QUARTO_BIN_PATH C:\Users\sanchosl\AppData\Local\Programs\Quarto\bin
QUARTO_DENO C:
\Users\sanchosl\AppData\Local\Programs\Quarto\bin\tools\x86_64\deno
QUARTO_DOCUMENT_FILE validation_report_dplyr_v1.1.4.qmd
QUARTO_DOCUMENT_PATH pkgdown\assets
QUARTO_EXECUTE_INFO C:\Users\sanchosl\AppData\Local\Temp\quarto-sessionbc32760f5ec0b6b5\b0301d4c4cfecfd\44bed9b499c470a3
QUARTO_FILTER_DEPENDENCY_FILE C:\Users\sanchosl\AppData\Local\Temp\quarto-sessionbc32760f5ec0b6b5\7435df1c434da7f0\8d6933e12e0e1a1d
QUARTO_PROJECT_ROOT C:\Code\Rprojects\validation\val.report\pkgdown\assets
QUARTO_SHARE_PATH C:\Users\sanchosl\AppData\Local\Programs\Quarto\share
QUARTO_WIN_CODEPAGE 1252
R_ALWAYS_INSTALL_TESTS 0
R_ARCH /x64
R_CHECK_CODETOOLS_PROFILE suppressLocalUnused=FALSE
R_CLI_HAS_HYPERLINK_IDE_HELP true
R_CLI_HAS_HYPERLINK_IDE_RUN true
R_CLI_HAS_HYPERLINK_IDE_VIGNETTE true
R_COMPILED_BY gcc 14.3.0
R_DOC_DIR C:/PROGRA~1/R/R-45~1.2/doc
R_HOME C:/PROGRA~1/R/R-45~1.2
R_INCLUDE_DIR C:/PROGRA~1/R/R-45~1.2/include
R_IniPath C:\Users\sanchosl\AppData\Local\Roche\Ini
```

```

R_KEEP_PKG_SOURCE      yes
R_LIBCURL_SSL_REVOKES_BEST_EFFORT
                           TRUE
R_LIBS_SITE            C:/PROGRA~1/R/R-45~1.2/site-library
R_LIBS_USER            C:\Users\sanchosl\AppData\Local/R/win-library/4.5
R_PLATFORM
R_RTOOLS45_PATH       C:\rtools45\x86_64-w64-mingw32.static.posix/bin;C:\rtools45/usr/bin
R_RUNTIME              ucrt
R_SHARE_DIR           C:/PROGRA~1/R/R-45~1.2/share
R_TIMEOUT              100
RMARKDOWN_MATHJAX_PATH
                           C:/Program
                           Files/RStudio/resources/app/resources/mathjax-27
RS_LOCAL_PEER          \\.\pipe\46387-rsession
RS_LOG_LEVEL           WARN
RS_RPOSTBACK_PATH     C:/Program
                           Files/RStudio/resources/app/bin/rpostback.exe
RS_SHARED_SECRET        6b77b9c8-d608-4108-b9aa-4feff23e062c
RSTUDIO                1
RSTUDIO_CLI_HYPERLINKS
                           true
RSTUDIO_CONSOLE_COLOR  256
RSTUDIO_CONSOLE_WIDTH  131
RSTUDIO_DESKTOP_EXE    C:\Program Files\RStudio\rstudio.exe
RSTUDIO_PANDOC          C:/Program
                           Files/RStudio/resources/app/bin/quarto/bin/tools
                           desktop
RSTUDIO_PROGRAM_MODE   31036
RSTUDIO_SESSION_PID    46387
RSTUDIO_SESSION_PORT   sanchosl
RSTUDIO_USER_IDENTITY
RSTUDIO_WINUTILS        C:/Program
                           Files/RStudio/resources/app/bin/winutils
RTTOOLS43_HOME          C:\rtools43
RTTOOLS44_HOME          C:\rtools44
RTTOOLS45_HOME          C:\rtools45
SESSIONNAME             Console
SF_PARTNER              posit_rstudio
SPARK_CONNECT_USER_AGENT
                           posit-rstudio
SSH_ASKPASS              rpostback-askpass
SystemDrive              C:
SystemRoot               C:\WINDOWS
TEMP                     C:\Users\sanchosl\AppData\Local\Temp
TERM                     xterm-256color
TESTING_DEPTH            5
TMP                      C:\Users\sanchosl\AppData\Local\Temp
UATDATA                  C:\WINDOWS\CCM\UATData\D9F8C395-CAB8-491d-B8AC-179A1FE1BE77
windir                   C:\WINDOWS
ZES_ENABLE_SYSMAN        1

```

```

$add.smooth
[1] TRUE

```

```

$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: 0x0000023d0fb8fe98>
<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      SHLIB_LIBADD
"-00 --coverage"        "-lgcov"     "--coverage"

$covr.gcov
                                gcov
"C:\\\\rtools45\\\\X86_64~1.POS\\\\bin\\\\gcov.exe"

$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: 0x0000023d10899338>
<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: 0x0000023d0a75e740>
<environment: namespace:rlang>

$devtools.install.args
[1] ""

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

$digits
[1] 7

$echo
[1] FALSE

$editor
[1] "notepad"

$encoding
[1] "native.enc"

$example.ask
[1] "default"

$expressions
[1] 5000

```

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

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

$help_type
[1] "html"

$htmltools.preserve.raw
[1] TRUE

$HTTPUserAgent
[1] "R (4.5.2 x86_64-w64-mingw32 x86_64 mingw32)"

$httr_oauth_cache
[1] NA

$httr_oob_default
[1] FALSE

$install.packages.compile.from.source
[1] "interactive"

$internet.info
[1] 2

$keep.parse.data
[1] TRUE

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

$keep.source
[1] FALSE

$keep.source.pkgs
[1] TRUE

$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] "internal"

$paperSize
[1] "a4"

$PCRE_limit_recursion
[1] NA

$PCRE_study
[1] FALSE

$PCRE_use_JIT
[1] TRUE

$pdfviewer
[1] "C:/PROGRA~1/R/R-45~1.2/bin/x64/open.exe"

$pkgType
[1] "both"

$prompt
[1] "> "

$repos
          P3M
"https://packagemanager.posit.co/cran/latest"
          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

$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: 0x0000023d0e40d5a0>

$str.dendrogram.last

```

```
[1] ````

$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] "internal"

$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

$windowsTimeouts
[1] 100 500
```