

# Package ‘rcmdcheck’

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**Title** Run 'R CMD check' from 'R' and Capture Results

**Version** 1.2.1

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**Description** Run 'R CMD check' from 'R' programmatically, and capture the results of the individual checks.

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**LazyData** true

**URL** <https://github.com/MangoTheCat/rcmdcheck>

**BugReports** <https://github.com/MangoTheCat/rcmdcheck/issues>

**RoxygenNote** 5.0.1.9000

**Suggests** testthat

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**NeedsCompilation** no

**Repository** CRAN

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## R topics documented:

compare_checks . . . . .	2
compare_to_cran . . . . .	2
cran_check_flavours . . . . .	3
cran_check_results . . . . .	3
parse_check . . . . .	4
parse_check_url . . . . .	4
rcmdcheck . . . . .	5

<b>Index</b>	<b>6</b>
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compare_checks	<i>Compare a set of check results to another check result</i>
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**Description**

Compare a set of check results to another check result

**Usage**

```
compare_checks(old, new)
```

**Arguments**

old	A check result, or a list of check results.
new	A check result.

**Value**

An rcmdcheck\_comparison object.

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compare_to_cran	<i>Compare a check result to CRAN check results</i>
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**Description**

Compare a check result to CRAN check results

**Usage**

```
compare_to_cran(check, flavours = cran_check_flavours(check$package))
```

**Arguments**

check	A check result.
flavours	CRAN check flavour(s) to use. By default all platforms are used.

**Value**

An codermdcheck\_comparison object.

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cran\_check\_flavours     *Download and show all CRAN check flavour platforms*

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**Description**

If the package argument is NULL, then all current platforms are downloaded. If the package argument is specified, then all flavours used for the latests package checks for that package, are downloaded and returned.

**Usage**

```
cran_check_flavours(package = NULL)
```

**Arguments**

package            CRAN package name or NULL.

**Value**

Character vector of platform ids.

**Examples**

```
## Not run:  
cran_check_flavours()  
cran_check_flavours("simplegraph")  
  
## End(Not run)
```

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cran\_check\_results     *Download and parse R CMD check results from CRAN*

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**Description**

Download and parse R CMD check results from CRAN

**Usage**

```
cran_check_results(package, flavours = cran_check_flavours(package))
```

**Arguments**

package            Name of a single package to download the checks for.  
flavours            CRAN check flavours to use. Defaults to all flavours that were used to check the package.

**Value**

A list of rcmdcheck objects.

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parse_check	<i>Parse R CMD check results from a file or string</i>
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**Description**

At most one of file or text can be given. If both are NULL, then the current working directory is checked for a 00check.log file.

**Usage**

```
parse_check(file = NULL, text = NULL)
```

**Arguments**

file	The 00check.log file, or a directory that contains that file. It can also be a connection object.
text	The contentst of a 00check.log file.

**Value**

An rcmdcheck object, the check results.

**See Also**

[parse\\_check\\_url](#)

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parse_check_url	<i>Shorthand to parse R CMD check results from a URL</i>
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**Description**

Shorthand to parse R CMD check results from a URL

**Usage**

```
parse_check_url(url, quiet = TRUE)
```

**Arguments**

url	URL to parse the results from. Note that it should not contain HTML markup, just the text output.
quiet	Passed to download.file.

**Value**

An rcmdcheck object, the check results.

**See Also**

[parse\\_check](#)

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rcmdcheck

*Run R CMD check from R and Capture Results*

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**Description**

Run R CMD check from R programmatically, and capture the results of the individual checks.

Run R CMD check on a package or a directory

**Usage**

```
rcmdcheck(path = ".", quiet = FALSE, args = character(),  
           libpath = .libPaths(), repos = getOption("repos"))
```

**Arguments**

path	Path to a package tarball or a directory.
quiet	Whether to print check output during checking.
args	Character vector of arguments to pass to R CMD check.
libpath	The library path to set for the check. The default uses the current library path.
repos	The repos option to set for the check. This is needed for cyclic dependency checks if you use the <code>--as-cran</code> argument. The default uses the current value.

**Value**

An S3 object (list) with fields `errors`, `warnings` and `nodes`. These are all character vectors containing the output for the failed check.

# Index

`compare_checks`, [2](#)  
`compare_to_cran`, [2](#)  
`cran_check_flavours`, [3](#)  
`cran_check_results`, [3](#)

`parse_check`, [4](#), [5](#)  
`parse_check_url`, [4](#), [4](#)

`rcmdcheck`, [5](#)  
`rcmdcheck-package (rcmdcheck)`, [5](#)