

Package ‘pkgsearch’

November 16, 2018

Title Search CRAN R Packages

Version 2.0.0

Description Search CRAN R packages. Uses the 'METACRAN' search server, see <<https://r-pkg.org>>.

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LazyData true

URL <https://github.com/metacran/pkgsearch#readme>

BugReports <https://github.com/metacran/pkgsearch/issues>

Imports magrittr, httr, jsonlite, parsedate, prettyunits

Suggests covr, testthat, tibble

Encoding UTF-8

RoxygenNote 6.1.0

NeedsCompilation no

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Repository CRAN

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pkg_search	Search CRAN packages
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Description

pkg_search() starts a new search query, or shows the details of the previous query, if called without arguments.

ps() is an alias to pkg_search().

more() retrieves that next page of results for the previous query.

Usage

```
pkg_search(query = NULL, format = c("short", "long"), from = 1,
           size = 10)
```

```
ps(query = NULL, format = c("short", "long"), from = 1, size = 10)
```

```
more(format = NULL, size = NULL)
```

Arguments

query	Search query string. If this argument is missing or NULL, then the results of the last query are printed, in <i>short</i> and <i>long</i> formats, in turns for successive pkg_search() calls. If this argument is missing, then all other arguments are ignored.
format	Default formatting of the results. <i>short</i> only outputs the name and title of the packages, <i>long</i> also prints the author, last version, full description and URLs. Note that this only affects the default printing, and you can still inspect the full results, even if you specify <i>short</i> here.
from	Where to start listing the results, for pagination.
size	The number of results to list.

Details

Note that the search needs a working Internet connection.

Value

A tibble with columns:

- score: Score of the hit. See Section *Scoring* for some details.
- package: Package name.
- version: Latest package version.
- title: Package title.
- description: Short package description.

- `date`: Time stamp of the last release.
- `maintainer_name`: Name of the package maintainer.
- `maintainer_email`: Email address of the package maintainer.
- `revdeps`: Number of (strong and weak) reverse dependencies of the package.
- `downloads_last_month`: Raw number of package downloads last month, from the RStudio CRAN mirror.
- `license`: Package license.
- `url`: Package URL(s).
- `bugreports`: URL of issue tracker, or email address for bug reports.

Examples

```
# Example
ps("survival")

# Pagination
ps("networks")
more()

# Details
ps("visualization")
ps()

# See the underlying tibble
ps("ropensci")
ps()[[]]
```

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