

Searching CRAN with packagefinder: : CHEAT SHEET



CONSOLE

```
findPackage(keywords, mode = "or", case.sensitive = FALSE, always.sensitive = NULL,
weights = c(2,2,1,2), display = "viewer", results.longdesc = FALSE, limit.results = 15, silent =
FALSE, index = NULL, advanced.ranking = TRUE, return.df = FALSE, clipboard = FALSE)
```

Most important arguments

keywords

Word or vector of words to search for

mode

Find packages with every keyword ("and") or with any of the keywords ("or")?
Will be overruled if keywords contain logical operators like keywords = "X and Y"

case.sensitive

Case-sensitive search?

always.sensitive

Vector of words that will always be treated as case-sensitive, e.g. abbreviations

limit.results

How many results to display in console or viewer?

Outputs

display

display = "console"

Score	Name	Short Description	GO
100	xml2	Parse XML	16203
93	XML	Tools for Parsing and Generating XML within R and S-Plus	16356
92.9	XMLR	Tools for Parsing and Generating XML within R and S-Plus	16202
77.6	xmlr	Read, Write and Work with XML Data	16207
66	XML2R	Easier XML data collection	16204
65.7	xmlrpc2	Implementation of the Remote Procedure Call Protocol ("XML-RPC")	16208
54.8	Fltxml	Tools for working with XML Files as R Dataframes	4839

display = "viewer"

Score	Name	Short Description	GO
100	xml2	Parse XML	16203
93	XML	Tools for Parsing and Generating XML within R and S-Plus	16356
92.9	XMLR	Tools for Parsing and Generating XML within R and S-Plus	16202
77.6	xmlr	Read, Write and Work with XML Data	16207
66	XML2R	Easier XML data collection	16204
65.7	xmlrpc2	Implementation of the Remote Procedure Call Protocol ("XML-RPC")	16208
54.8	Fltxml	Tools for working with XML Files as R Dataframes	4839

display = "browser"

Score	Name	Short Description	GO
100	xml2	Parse XML	16203
93	XML	Tools for Parsing and Generating XML within R and S-Plus	16356
92.9	XMLR	Tools for Parsing and Generating XML within R and S-Plus	16202
77.6	xmlr	Read, Write and Work with XML Data	16207
66	XML2R	Easier XML data collection	16204
65.7	xmlrpc2	Implementation of the Remote Procedure Call Protocol ("XML-RPC")	16208
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return.df = TRUE Return results as dataframe

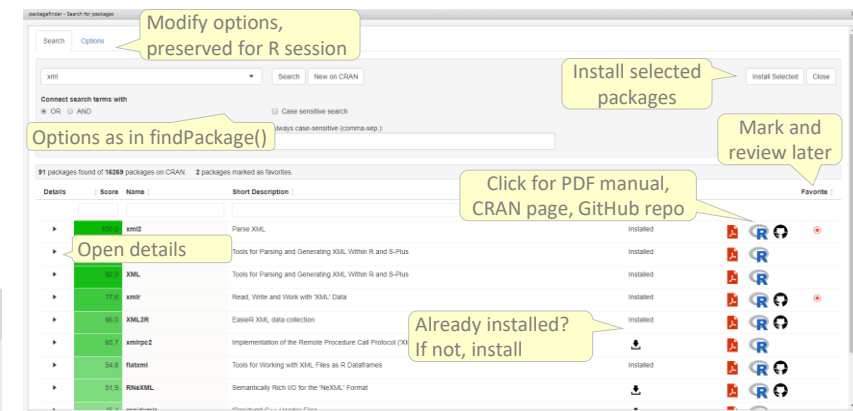
clipboard = TRUE Copy results to clipboard

Examples

- > findPackage("parameters", mode = "and", always.sensitive = "SEM")
- > findPackage("meta and regression")
- > my.results <- findPackage(c("meta", "regression"), "and", return.df = TRUE)
- > findPackage("xml", display = "browser")

RSTUDIO ADD-IN

Automatically installed with the package.
Provides a graphical interface to the findPackage() and whatsNew() functions



ADDITIONAL FUNCTIONS

whatsNew(last.days = 0) Show new packages on CRAN

packageDetails(package) Show details of a CRAN package in the console

lastResults(package = "viewer") Show results of last search again

fp(...) Short hand for findPackage(...)

go(package, where.to = "details") Install CRAN package, show PDF manual, details or package website

