

Package: findPackage (via r-universe)

September 13, 2024

Type Package

Title Find 'CRAN' Package by Topic

Version 0.2.0

URL <<https://CRAN.R-project.org/package=findPackage>>

Description Finds 'CRAN' packages by the topic requested. The topic can be given as a character string or as a regular expression and will help users to locate 'CRAN' packages matching their specified requirement. `findPackage(<string>)` returns a data frame of packages with description containing the input string.

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Encoding UTF-8

RoxygenNote 7.1.2

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

NeedsCompilation no

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Repository <https://amarnathbose.r-universe.dev>

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`findPackage`*Find 'CRAN' Package by topic*

Description

Finds CRAN packages by the topic requested. The topic can be given as a character string or as a regular expression, and will help users to locate packages matching their specified requirement.

Usage

```
findPackage(  
  topicString = "",  
  fromDate = "2008-09-01",  
  toDate = Sys.Date(),  
  sortOrder = "A"  
)
```

Arguments

<code>topicString</code>	The topic as a character string or as a regular expression
<code>fromDate</code>	Format: YYYY-MM-DD. The search in CRAN will be restricted to packages published on or after this date, default is from the earliest available date, i.e. September 2008
<code>toDate</code>	Format: YYYY-MM-DD. The search in CRAN will be restricted to packages published on or before this date, default is till the current date
<code>sortOrder</code>	The matching data is sorted by default (A) with the earlier published packages preceding the later ones. For descending sort, more recent earlier, use "D"

Value

A data frame with the package name, the date of publication, title of the package and its description

Examples

```
ahp <- findPackage("(Analytic Hierarchy Process)|(AHP)");  
  
AHP_or_DEA <-  
findPackage(  
  "(Analytic Hierarchy Process)|(AHP)|(Data Envelopment Analysis)|(DEA)");  
  
fa <- findPackage("Factor Analysis")
```

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