Package 'findPackage'

January 26, 2023

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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R topics documented:

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

topicString	The topic as a character string or as a regular expression
fromDate	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
toDate	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
sortOrder	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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