

Package ‘NoviceDeveloperResources’

January 30, 2024

Version 1.1.0

Date 2024-01-30

Title Resources to Assist Novice Developers

Maintainer Barry Zeeberg <barryz2013@gmail.com>

Depends R (>= 4.2.0)

Imports utils, devtools

Description Assist novice developers when preparing a single package or a set of integrated packages to submit to CRAN. Automate the following individual or batch processing: check local source packages; build local .tar.gz source files; install packages from local .tar.gz files; detect conflicts between function names in the environment.

License GPL (>= 2)

Encoding UTF-8

VignetteBuilder knitr

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

RoxygenNote 7.2.3

Config/testthat/edition 3

NeedsCompilation no

Author Barry Zeeberg [aut, cre]

Repository CRAN

Date/Publication 2024-01-30 15:40:02 UTC

R topics documented:

checkBuildInstallSourcePackage	2
conflictOfInterest	2
conflictOfInterestRestricted	3

Index	4
--------------	----------

checkBuildInstallSourcePackage
checkBuildInstallSourcePackage

Description

check, build, and install local source package

Usage

```
checkBuildInstallSourcePackage(dir, packs, packCheck, autoLibrary = FALSE)
```

Arguments

dir	character string containing the path name of the directory holding the package folders
packs	character vector of the names of the packages
packCheck	character vector of the names of the packages to check()
autoLibrary	Boolean if TRUE automate library() command altering search path

Details

I wanted to include "library(packs)" in the program, but this is not allowed. The user can "cat" the return value and copy and paste to facilitate doing this manually.

Value

returns a character string that can be printed using "echo" and then copy and paste by the user to load or update the packages

conflictOfInterest *conflictOfInterest*

Description

determine if there are any conflicts between the functions in the attached packages and the R global environment

Usage

```
conflictOfInterest()
```

Value

returns a list identifying the conflicts for each conflicted function

Examples

```
l<-conflictOfInterest()
```

```
conflictOfInterestRestricted  
      conflictOfInterestRestricted
```

Description

restrict the conflicted functions (retrieved by `conflictOfInterest()`) to those in user-specified packages

Usage

```
conflictOfInterestRestricted(packs)
```

Arguments

`packs` character vector of user-specified packages

Value

returns a subset of the return value of `conflictOfInterest()`

Index

`checkBuildInstallSourcePackage`, [2](#)
`conflictOfInterest`, [2](#)
`conflictOfInterestRestricted`, [3](#)