

oaPackages

October 22, 2018

R topics documented:

cleanUp	1
createPackageSkeleton	2
createShinySkeleton	2
loadFiles	3
runFullReport	4
runSweave	4
Index	5

cleanUp	<i>Clean up a working directory after use of the 'loadFiles' or 'runSweave' functions</i>
---------	---

Description

Clean up a working directory after use of the 'loadFiles' or 'runSweave' functions

Usage

```
cleanUp()
```

Value

none (files are moved and deleted from the current working directory)

Author(s)

Jason Waddell

createPackageSkeleton *Create a package skeleton inside the current working directory*

Description

Create a package skeleton inside the current working directory

Usage

```
createPackageSkeleton(path = ".", type = "RSB", authorEMail = c(`Who
wrote it` = "info@openanalytics.eu"),
  title = "More About What It Does (one line, title case)",
  description = "More about what it does (maybe more than one line).",
  imports, depends)
```

Arguments

path	path to the directory in which to create the package skeleton; defaults to the current working directory (".")
type	Choose between analysis or RSB, RSB will create an RSB compatible package, analysis will create more of a bare minimum package
authorEMail	Specify the name and e-mail of the author as a named vector
title	Short description of what the package does
description	Longer description of what the package does
imports	specify the packages to import (often needed)
depends	specify the dependencies (very rarely needed)

Value

a logical indicating whether the package skeleton was created successfully (TRUE) or not (FALSE)

Author(s)

Jason Waddell, Tobias Verbeke, Willem Ligtenberg

createShinySkeleton *Create a package skeleton inside the current working directory*

Description

Create a package skeleton inside the current working directory

Usage

```
createShinySkeleton(path = ".", type = c("uploadDownload", "generic"),
  authorEMail = c(`Who wrote it` = "info@openanalytics.eu"),
  title = "More About What It Does (one line, title case)",
  description = "More about what it does (maybe more than one line).",
  imports = "shiny", depends, suggests = c("devtools", if (type ==
"uploadDownload") c("tools", "DT", "plotly", "rmarkdown")))
```

Arguments

path	path to the directory in which to create the package skeleton; defaults to the current working directory ("."). The last element (basename(path)) will be used as the package name.
type	type of shiny app to create. Current options are 'uploadDownload' (default) which provides an interface for uploading a .csv file and downloading a .zip file with bundled data file and .html report, or 'generic', a basic shiny app with in-window graphics
authorEMail	Specify the name and e-mail of the author as a named vector
title	Short description of what the package does
description	Longer description of what the package does
imports	specify the packages to import (often needed)
depends	specify the dependencies (very rarely needed)
suggests	specify the suggested packages (e.g. dependencies of the Shiny application)

Value

a logical indicating whether the package skeleton was created successfully (TRUE) or not (FALSE)

Author(s)

Jason Waddell

loadFiles	<i>Load files from an oaPackages folder structure into the current working directory</i>
-----------	--

Description

Load files from an oaPackages folder structure into the current working directory

Usage

```
loadFiles(sweaveFolder = "./inst/rsb", extdataSubfolder = "")
```

Arguments

sweaveFolder	relative path to the folder containing the .Rnw file to be run
extdataSubfolder	optional 'extdata' subfolder to pull data from

Value

none

Author(s)

Jason Waddell

runFullReport	<i>Wrapper script to load relevant files, run the Sweave document and clean up the working directory</i>
---------------	--

Description

Wrapper script to load relevant files, run the Sweave document and clean up the working directory

Usage

```
runFullReport(sweaveFolder = "../inst/rsb", extdataSubfolder = "")
```

Arguments

sweaveFolder relative path to the folder containing the .Rnw file to be run
extdataSubfolder optional 'extdata' subfolder to pull data from

Value

none

Author(s)

Jason Waddell

runSweave	<i>Run the .Rnw file in the current working directory</i>
-----------	---

Description

Run the .Rnw file in the current working directory

Usage

```
runSweave()
```

Value

none

Author(s)

Jason Waddell

Index

`cleanUp`, [1](#)
`createPackageSkeleton`, [2](#)
`createShinySkeleton`, [2](#)

`loadFiles`, [3](#)

`runFullReport`, [4](#)
`runSweave`, [4](#)