Package 'localshiny'

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Title Deployment tool of distributing Shiny apps on LocalShiny web.

Author Nating Wang <natwang17@gmail.com>

Maintainer Chenguang Wang <chenguang.wang.0517@gmail.com>

Depends R (>= 3.6.3)

Imports renv, jsonlite, zip, httr

Description R functions for distributing Shiny apps on LocalShiny web and installing Shiny apps on local computers.

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R topics documented:

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deleteApp   *Delete an Application deployed on the LocalShiny web*

Description

Delete an application in users' own repository.

Usage

```
deleteApp(username, appID)
```

Arguments

username	Name of account
appID	the ID of application. You can copy the appID from the LocalShiny Web

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Examples

```
# username : python
# appID : "JbmxDXhe"; copied from the LocalShiny web.
deleteApp("python", "JbmxDXhe")
```

---

deployApp   *Deploy an Application on LocalShiny web*

Description

Deploy an application, which can be an R package or R documents to a server. This function will extract all dependencies information based on 'renv::sapshot()' and write a 'renv.lock' file under the project directory.

Usage

```
deployApp(
    username,
    command = "",
    project = getwd(),
    version = NULL,
    name = NULL,
    description = NULL,
    os  = NULL)
```

Arguments

username	Name of account
command	R file that needs to be specified to run the application.
project	Directory containing application. Defaults to current working directory.
version	Application version
name	Name of application (names must be unique within an account). Defaults to the base name of the specified `project`.
description	A brief description of the application.
os	Operation system that the application can be used. Defaults to the current system in your machine.

See Also

[deleteAppApp()](), [installAppApp()]()

Examples

```
# log in first
mytoken = "Mxxdsjlfwofejlfda"
login("python", token = mytoken)

# deploy the application in the current working dir to python's repository
deployApp("python")
```

```
# deploy an application in another directory
deployApp("python", project = "/localshiny/projects/app1")

# deploy an R file as an application
deployApp("python", project = "/localshiny/projects/app2.R")

# deploy an application using an alternative application name
deployApp("python", "/localshiny/projects/app2", appName = "newapp")
```

---

installApp   *Install applications*

Description

Install the application. This function depends on the function 'renv::restore()' to install all dependencies.

Usage

```
installApp(appID, appPath=getwd())
```

Arguments

appID	ID of an application. You can copy the appID from LocalShiny website.
appPath	path under which the application files will be downloaded. Defaults to current working directory.

Examples

```
# copy the appID from the LocalShiny website.
appID <- "idSVehNS"
installApp(appID)
```

---

login   *Login an account*

Description

Configure a LocalShiny account in the current system.

Usage

```
login(username, token)
```

Arguments

username	Name of account that is registered on the server
token	User token for the account. Users can copy the token on the LocalShiny web.

See Also

[logout](#)

Examples

```
# copy the token from the website "localshiny.org".
mytoken <- "MTYxNjgyNjY2My42My42Mz"
login("python", token = mytoken)
```

---

logout	*Log out an account*

Description

Log out the account. This function will remove the configuration files created by [login()](#). Note: before you log out your account, you need to log in first.

Usage

```
logoutAccount(username)
```

Arguments

username   Name of account

See Also

[login()](#)

Examples

```
logout("python")
```

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