

Package: makeProject (via r-universe)

September 17, 2024

Type Package

Title Creates an empty package framework for the LCFD format

Version 1.0

Date 2012-05-17

Author Noah Silverman

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Description This package creates an empty framework of files and directories for the ``Load, Clean, Func, Do'' structure described by Josh Reich.

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Repository CRAN

Date/Publication 2012-05-18 07:15:00

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makeProject-package *Make Project LCFD Framework*

Description

This package was inspired by a stackoverflow.com comment made by Josh Reich. This package creates an empty framework of files and directories for the "Load, Clean, Func, Do" structure described by Josh. The concept is simple. The "main.R" script is called by the user. It sets global variables and calls all the other scripts necessary.

Details

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Author(s)

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makeProject

Make Project LCFD Framework

Description

This package was inspired by a stackoverflow.com comment made by Josh Reich. This package creates an empty framework of files and directories for the "Load, Clean, Func, Do" structure described by Josh. The concept is simple. The "main.R" script is called by the user. It sets global variables and calls all the other scripts necessary.

Usage

```
makeProject(name = "myProject", path = getwd(), force = FALSE,  
author = "Your Name", email = "yourfault@somewhere.net")
```

Arguments

name	The name of your project
path	The path of where to create the project framework. A directory with the name of the project will be created here.
force	Force creation of the project, even if files already exist
author	The author's name
email	The author's email

Value

This function will create:

Parent Directory

The parent project directory

`main.R` This is where you set global variables, and call the other scripts.

`data` An empty data directory to hold your data files.

`code` A code directory containing the other code files.

`load.R` This is where you insert code to load in libraries and data files.

`clean.R` This is where you perform any messy data cleanup.

`func.R` This is where you write all the functions that you need.

`do.R` This is where the actual work is done.

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