

Package ‘rProject’

November 1, 2022

Title Setup R Project

Version 0.0.0.9000

Description A collection of functions to setup R projects.

URL <https://github.com/jeksterslab/rProject/>,
<https://jeksterslab.github.io/rProject/>

BugReports <https://github.com/jeksterslab/rProject/issues>

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Encoding UTF-8

Roxygen list(markdown = TRUE)

Depends R (>= 3.0.0)

Imports rprojroot, distro, devtools, covr, knitr, lintr, pkgdown,
remotes, stats, styler, tinytex, utils

Suggests rmarkdown, testthat

RoxygenNote 7.2.1

NeedsCompilation no

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Binary	<i>Setup Binaries not Included in the Package</i>
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Description

Setup Binaries not Included in the Package

Usage

Binary(path)

Arguments

path Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

Build	<i>Build Package</i>
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Description

Build Package

Usage

Build(path, vignettes = FALSE)

Arguments

path	Character string. Project path.
vignettes	Logical. Build vignettes.

Author(s)

Ivan Jacob Agaloos Pesigan

BuildIgnore	<i>Build .Rbuildignore</i>
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Description

Build .Rbuildignore

Usage

BuildIgnore(path, project, add = NULL)

Arguments

path	Character string. Project path.
project	Character string. Project name.
add	Character vector. Items to add in .Rbuildignore.

Author(s)

Ivan Jacob Agaloos Pesigan

Clean*Clean Files Generated on Build*

Description

Delete all output files that are generated on automated build.

Usage

Clean(path)

Arguments

path Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

CleanPkg*Clean R Packages*

Description

Uninstall R packages with priority = "NA".

Usage

CleanPkg(path)

Arguments

path Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

CleanTinyTex	<i>Clean ~/.TinyTex</i>
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Description

Uninstall TinyTex.

Usage

CleanTinyTex(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

Coverage	<i>Code Coverage</i>
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Description

Code Coverage

Usage

Coverage(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

DataAnalysis*Data Analysis*

Description

Execute R scripts in data-analysis.

Usage

```
DataAnalysis(path, clean = FALSE)
```

Arguments

path	Character string. Project path.
clean	Logical. Remove all .Rds files in data-process and data-analysis before running.

Author(s)

Ivan Jacob Agaloos Pesigan

DataProcess*Process Data*

Description

Execute R scripts in data-process.

Usage

```
DataProcess(path, clean = FALSE)
```

Arguments

path	Character string. Project path.
clean	Logical. Remove all .Rds files in data-process before running.

Author(s)

Ivan Jacob Agaloos Pesigan

Dependencies	<i>Copy Dependencies to from .setup/r-dependencies to R</i>
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Description

Copy Dependencies to from .setup/r-dependencies to R

Usage

Dependencies(path)

Arguments

path Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

Environment	<i>Setup .Renviron</i>
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Description

Setup .Renviron

Usage

Environment(path, project, tokens)

Arguments

path Character string. Project path.
project Character string. Project name.
tokens Named vector of tokens.

Author(s)

Ivan Jacob Agaloos Pesigan

EnvironmentProject	<i>Set PROJECT Environment Variable</i>
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Description

Set PROJECT Environment Variable

Usage

```
EnvironmentProject(project)
```

Arguments

project	Character string. Project name.
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Value

Returns project name.

Author(s)

Ivan Jacob Agaloos Pesigan

EnvironmentTokens	<i>Set Tokens</i>
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Description

Set Tokens

Usage

```
EnvironmentTokens(tokens)
```

Arguments

tokens	Named vector of tokens.
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Value

Returns vector of secret tokens.

Author(s)

Ivan Jacob Agaloos Pesigan

LibPaths	<i>Add .library to Library Paths</i>
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Description

- creates a folder `.library` on the project path if it does not exist
- creates a `.gitignore` file inside `.library` if it does not exist
- adds `.library` to `.libPaths()`
- sets `R_LIBS_USER` to `.library`

Usage

```
LibPaths(path)
```

Arguments

path	Character string. Project path.
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Value

Returns the path of `.library`.

Author(s)

Ivan Jacob Agaloos Pesigan

Lint	<i>Lint Project</i>
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Description

Lint Project

Usage

```
Lint(path)
```

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

Manual	<i>Package Manual</i>
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Description

Package Manual

Usage

Manual(path, project)

Arguments

path	Character string. Project path.
project	Character string. Project name.

PkgDevel	<i>Install Development Packages from CRAN</i>
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Description

Install Development Packages from CRAN

Usage

PkgDevel(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

`PkgDevelGitHub`*Install Development Packages from GitHub*

Description

Install Development Packages from GitHub

Usage

`PkgDevelGitHub(path)`

Arguments

`path` Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

`PkgProject`*Install Project Packages from CRAN*

Description

Install Project Packages from CRAN

Usage

`PkgProject(path, pkg)`

Arguments

`path` Character string. Project path.

`pkg` Character vector. R packages.

Author(s)

Ivan Jacob Agaloos Pesigan

PkgProjectGitHub*Install Project Packages from GitHub*

Description

Install Project Packages from GitHub

Usage

```
PkgProjectGitHub(path, pkg)
```

Arguments

path	Character string. Project path.
pkg	Character vector. GitHub packages.

Author(s)

Ivan Jacob Agaloos Pesigan

PkgProjectVersion*Install Project Packages with Specific Version*

Description

Install Project Packages with Specific Version

Usage

```
PkgProjectVersion(path, pkg, ver)
```

Arguments

path	Character string. Project path.
pkg	Character vector. R packages.
ver	Character vector. Version.

Author(s)

Ivan Jacob Agaloos Pesigan

PkgRepo	<i>Setup RStudio Package Manager Repository Based on the Current Operating System</i>
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Description

Setup RStudio Package Manager Repository Based on the Current Operating System

Usage

```
PkgRepo(path)
```

Arguments

path	Character string. Project path.
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Value

Returns the repository url.

Author(s)

Ivan Jacob Agaloos Pesigan

Profile	<i>Setup .Rprofile</i>
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Description

Setup .Rprofile

Usage

```
Profile(path, project)
```

Arguments

path	Character string. Project path.
project	Character string. Project name.

Author(s)

Ivan Jacob Agaloos Pesigan

Project	<i>Setup the project.Rproj file</i>
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Description

Setup the project.Rproj file

Usage

Project(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

Site	<i>Build Website</i>
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Description

Build Website

Usage

Site(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

Style	<i>Style Project</i>
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Description

Style Project

Usage

Style(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

TinyTex	<i>Install ~/.TinyTex</i>
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Description

Install ~/.TinyTex

Usage

TinyTex(path, force = FALSE)

Arguments

path	Character string. Project path.
force	Logical. Force install.

Author(s)

Ivan Jacob Agaloos Pesigan

VignettesPrecompile	<i>Precompile Vignettes</i>
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Description

Precompile Vignettes

Usage

```
VignettesPrecompile(path)
```

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

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