

Package ‘rProject’

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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, cffr, utils

Suggests rmarkdown, testthat

RoxygenNote 7.2.3

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

CFF	<i>Build CITATION.cff</i>
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Description

Build CITATION.cff

Usage

CFF(path)

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

Clean	<i>Clean Files Generated on Build</i>
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Description

Delete all output files that are generated on automated build.

Usage

Clean(path)

Arguments

path	Character string. Project path.
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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`*Clean ~/.TinyTex*

Description

Uninstall TinyTex.

Usage

```
CleanTinyTex(path)
```

Arguments

`path` Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

Coverage

Code Coverage

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

Description

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

Usage

```
Dependencies(path)
```

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

Detritus	<i>Create detritus/tex/tex-fig-*</i>
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Description

Create detritus/tex/tex-fig-*

Usage

Detritus(path)

Arguments

path	Character string. Project path.
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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

LatexCompile

Compile Output of LatexKnit

Description

Compile Output of LatexKnit

Usage

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

Arguments

path	Character string. Project path.
clean	Logical. Clean latexmk output except *.pdf

Author(s)

Ivan Jacob Agaloos Pesigan

LatexKnit*Knit latexsrc/*.Rtex*

Description

Knit latexsrc/*.Rtex

Usage

```
LatexKnit(path)
```

Arguments

path	Character string. Project path.
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Author(s)

Ivan Jacob Agaloos Pesigan

LatexMake	<i>Compile Output of LatexKnit</i>
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Description

Compile Output of LatexKnit

Usage

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

Arguments

path	Character string. Project path.
clean	Logical. Clean latexmk output except *.pdf

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.

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`*Install Development Packages from CRAN*

Description

Install Development Packages from CRAN

Usage

```
PkgDevel(path)
```

Arguments

`path` Character string. Project path.

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	<i>Install Project Packages with Specific Version</i>
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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

Install ~/.TinyTex

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*Precompile Vignettes*

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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