

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>
-------	----------------------

Description

Build Package

Usage

```
Build(path, vignettes = FALSE, dependencies = FALSE)
```

Arguments

path	Character string. Project path.
vignettes	Logical. Build vignettes.
dependencies	Logical. Install package dependencies.

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	<i>Clean R Packages</i>
----------	-------------------------

Description

Uninstall R packages with priority = "NA".

Usage

```
CleanPkg(path)
```

Arguments

path	Character string. Project path.
------	---------------------------------

Author(s)

Ivan Jacob Agaloos Pesigan

CleanProj	<i>Clean Project</i>
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Description

Remove all files except project.Rproj and, optionally, .library.

Usage

```
CleanProj(path, lib = FALSE)
```

Arguments

path	Character string. Project path.
lib	Logical. If lib = TRUE, delete .library. If lib = FALSE, .library is not deleted.

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>
--------------	---

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 .Renvi</i> ron
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Description

Setup .Renvi

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	<i>Compile Output of LatexKnit</i>
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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	<i>Knit latexsrc/*.Rtex</i>
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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.
------	---------------------------------

Value

Returns the path of `.library`.

Author(s)

Ivan Jacob Agaloos Pesigan

Lint	<i>Lint Project</i>
------	---------------------

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>
--------	-----------------------

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>
----------	---

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	<i>Install Project Packages from GitHub</i>
------------------	---

Description

Install Project Packages from GitHub

Usage

```
PkgProjectGitHub(path, pkg, ref = "HEAD")
```

Arguments

path	Character string. Project path.
pkg	Character vector. GitHub packages.
ref	Character vector. Git branch.

Author(s)

Ivan Jacob Agaloos Pesigan

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

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

Style Project

Description

Style Project

Usage

Style(path)

Arguments

path Character string. Project path.

Author(s)Ivan Jacob Agaloos Pesigan

TinyTex

Install ~/.TinyTex

Description

Install ~/.TinyTex

Usage

TinyTex(path, force = FALSE)

Argumentspath Character string. Project path.
force Logical. Force install.**Author(s)**

Ivan Jacob Agaloos Pesigan

`Tmux`*Install tmux*

Description

Install tmux

Usage

`Tmux()`

Author(s)

Ivan Jacob Agaloos Pesigan

`VignettesPrecompile`*Precompile Vignettes*

Description

Precompile Vignettes

Usage

`VignettesPrecompile(path)`

Arguments

`path` Character string. Project path.

Author(s)

Ivan Jacob Agaloos Pesigan

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