Package 'RLumBuild'

May 8, 2019

Type Package

Title RLum Universe Package Building

Version 0.1.1.9000-5

Date 2019-05-08

Author Sebastian Kreutzer [aut, cre] (<https://orcid.org/0000-0002-0734-2199>),
Christoph Burow [aut] (<https://orcid.org/0000-0002-5023-4046>)

Maintainer Sebastian Kreutzer <sebastian.kreutzer@u-bordeaux-montaigne.fr>

Description Build packages from the RLum-universe.
A collection of tools and scripts to unify the building of packages.

License GPL-3

Depends R (>= 3.4.0),
utils

Imports crayon (>= 1.3.4),
rmarkdown (>= 1.12),
cli (>= 1.1.0),
devtools (>= 2.0.2),
miniCRAN (>= 0.2.11),
stringi (>= 1.4.3),
stringr (>= 1.4.0),
roxygen2 (>= 6.1.1),
Rcpp (>= 1.0.1),
R2HTML (>= 2.3.2),
pander (>= 0.6.3),
pkgbuild (>= 1.0.3),
xtable (>= 1.8-4)

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

R topics documented:

RLumBuild-package   *RLum Universe Package Building #'*

Description

Build packages from the RLum-universe. A collection of tools and scripts to unify the building of packages.

Details

Funding

---

build_package   *Check and Build Package*

Description

Check and Build Package

Usage

```
build_package(path = ".", exclude = NULL, write_Rbuildignore = TRUE,
  as_cran = FALSE)
```

Arguments

path	character (with default): set package path
exclude	character (optional): names of build modules you want to exclude]
write_Rbuildignore	
	logical (optional): writes are master build-ignore
as_cran	logical (with default): enable/disable --as-cran check

How to cite

Kreutzer, S. (2019). build_package(): Check and Build Package. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

Examples

```
print("This is only to silence the CRAN check")

## Not run:
build_package()


## End(Not run)
```

module_add_HowToCite   *Add How to Cite Section*

Description

Adds a section 'How to Cite' to each manual page as long as author names and version numbers are given

Usage

```
module_add_HowToCite()
```

Function version

0.1.0

How to cite

Burow, C., Kreutzer, S. (2019). module_add_HowToCite(): Add How to Cite Section. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Christoph Burow, Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (Frange)

---

module_add_RLumTeam   *Module: add RLum-Team and update version timestamp*

Description

Module: add RLum-Team and update version timestamp

Usage

```
module_add_RLumTeam()
```

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_add_RLumTeam(): Module: add RLum-Team and update version timestamp. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Sebastian Kreutzer

---

module_build_documentation
                    Module: Build Documentation

Description

Create documentation using roxygen2

Usage

```
module_build_documentation()
```

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_build_documentation(): Module: Build Documentation. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

---

module_check_ReverseDependencies

Check Reverse Dependencies

Description

Check the reverse dependencies of the package

Usage

```
module_check_ReverseDependencies()
```

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_check_ReverseDependencies(): Check Reverse Dependencies. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

---

module_compile_Attributes

Module: Compile attributes

Description

Module: Compile attributes

Usage

```
module_compile_Attributes()
```

---

module_create_DependencyGraph
                              Create Dependency Graph

Description

Create package dependency graph

Usage

```
module_create_DependencyGraph(Rversion = paste(R.version[c("major",
  "minor")], collapse = "."))
```

Arguments

Rversion   [character] (with default): R version for which the graph is created

Details

The script based on:

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_create_DependencyGraph(): Create Dependency Graph. Function
version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR
package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Note

Module currently not acctivated

Author(s)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

---

module_knit_NEWS   *Module: Knit NEWS*

Description

Module: Knit NEWS

Usage

```
module_knit_NEWS()
```

module_knit_README   *Module: Knit README*

Description

Module: Knit README

Usage

```
module_knit_README()
```

module_set_VersionNumber
                    Module: set_VersionNumber

Description

Module: set_VersionNumber

Usage

```
module_set_VersionNumber()
```

module_verify_ExampleTimings
                    Verify Example Timings

Description

Check and display the timing results of the example checks to avoid too long example runs.

Usage

```
module_verify_ExampleTimings()
```

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_verify_ExampleTimings(): Verify Example Timings. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

---

module_write_BibTeX   *Create Package BibTeX file*

Description

Create Package BibTeX file

Usage

```
module_write_BibTeX()
```

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_write_BibTeX(): Create Package BibTeX file. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

---

module_write_FunctionList
                        Write Function Argument List

Description

Create a spread-sheet table with all function arguments

Create a HTML and markdown list of all major functions in the package

Usage

```
module_write_FunctionList()
```

```
module_write_FunctionList()
```

Details

Pevious versions were written by Michael Dietze and Sebastian Kreutzer. This version programmatically fetches all functions and arguments and does not rely on parsing the .Rd files with regular expressions.

Function version

0.1.0

0.1.0

How to cite

Burow, C., Kreutzer, S. (2019). module_write_FunctionList(): Write Function Argument List. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.1.9000-5. https://CRAN.R-project.org/package=RLumBuild

Author(s)

Christoph Burow, Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

Sebastian Kreutzer, IRAMAT-CRP2A, UMR 5060, CNRS - Université Bordeaux Montaigne (France)

Index