

Package ‘RLumBuild’

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Type Package

Title RLum Universe Package Building

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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),
stringi (>= 1.4.3),
stringr (>= 1.4.0),
roxygen2 (>= 6.1.1),
Rcpp (>= 1.0.1),
R2HTML (>= 2.3.2),
pander (>= 0.6.3),
xtable (>= 1.8-4)

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

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RLumBuild-package	<i>RLum Universe Package Building #'</i>
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Description

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

Details

Funding

In 2019, the work of Sebastian Kreutzer as maintainer of the package was supported by the LabEx LaScArBxSK (ANR - n. ANR-10-LABX-52).

build_package	<i>Check and Build Package</i>
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Description

Check and Build Package

Usage

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

Arguments

path	character (with default): set package path
exclude	character (optional): names of build modules you want to exclude
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 0.1.0.9000-27. <https://CRAN.R-project.org/package=RLumBuild>

Author(s)

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

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 0.1.0.9000-27. <https://CRAN.R-project.org/package=RLumBuild>

Author(s)

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

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 0.1.0.9000-27. <https://CRAN.R-project.org/package=RLumBuild>

Author(s)

Sebastian Kreutzer

module_build_documentation

Module: Build Documentation

Description

Module: Build Documentation

Usage

module_build_documentation()

module_compile_Attributes

Module: Compile attributes

Description

Module: Compile attributes

Usage

module_compile_Attributes()

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_register_EntryPoints`*Module: set_VersionNumber*

Description

Module: set_VersionNumber

Usage`module_register_EntryPoints(pkg_name)`**Arguments**`pkg_name` **character** the name of the package

`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 Building* R package version 0.1.0.9000-27. <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 0.1.0.9000-27. <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 List

Description

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

Usage

module_write_FunctionList()

Function version

0.1.0

How to cite

Kreutzer, S. (2019). module_write_FunctionList(): Write Function List. Function version 0.1.0. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.0.9000-27. <https://CRAN.R-project.org/package=RLumBuild>

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