

# Package ‘RLumBuild’

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**Type** Package

**Title** RLum Universe Package Building

**Version** 0.1.0

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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)

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

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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**

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

*Check and Build Package***Description**

Check and Build Package

**Usage**

```
build_package(exclude = NULL)
```

**Arguments**

exclude [character](#) (optional): names of build modules you want to exclude

**Examples**

```
print("test")
```

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module\_add\_HowToCite    *Add How to Cite Section*

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

**Author(s)**

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module\_add\_RLumTeam    *Module: add RLum-Team and update version timestamp*

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

**Author(s)**

Sebastian Kreutzer

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module\_build\_documentation

*Module: Build Documentation*

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**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*

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**Description**

Module: set\_VersionNumber

**Usage**

```
module_register_EntryPoints(pkg_name)
```

**Arguments**

pkg\_name            **character** the name of the package

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```
module_set_VersionNumber
```

*Module: set\_VersionNumber*

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**Description**

Module: set\_VersionNumber

**Usage**

```
module_set_VersionNumber()
```

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```
module_verify_ExampleTimings
```

*Veriyf Example Timings*

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**Description**

Veriyf Example Timings

**Usage**

```
module_verify_ExampleTimings()
```

**How to cite**

Kreutzer, S. (2019). module\_verify\_ExampleTimings(): Veriyf Example Timings. In: Kreutzer, S., Burow, C. (2019). RLumBuild: RLum Universe Package BuildingR package version 0.1.0. <https://CRAN.R-project.org/package=RLumBuild>

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