

Package ‘Rcereal’

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Title ``Cereal Headers for R and C++ Serialization"

Version 1.3.2

Description To facilitate using 'cereal' with R via 'cpp11' or 'Rcpp'. 'cereal' is a header-only C++11 serialization library. 'cereal' takes arbitrary data types and reversibly turns them into different representations, such as compact binary encodings, 'XML', or 'JSON'. 'cereal' was designed to be fast, light-weight, and easy to extend - it has no external dependencies and can be easily bundled with other code or used standalone. Please see <https://uscilab.github.io/cereal/> for more information.

Depends R (>= 3.6.2)

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Encoding UTF-8

URL <https://github.com/wush978/Rcereal/>

BugReports <https://github.com/wush978/Rcereal/issues>

Suggests cpp11(>= 0.4.7), Rcpp(>= 0.10.3), decor, git2r, httr, testthat, tools, knitr, rmarkdown

VignetteBuilder knitr

RoxygenNote 7.3.1

NeedsCompilation no

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last_version	<i>Return the latest version of cereal on the GitHub.</i>
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Description

Uses the GitHub API to find the latest version of cereal.

Usage

```
last_version()
```

Details

Gets all the versions from GitHub via `list_version()` and selects the largest version number.

Value

package_version

list_version	<i>List version(s) of cereal on GitHub.</i>
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Description

Use the GitHub API to query the versions of cereal.

Usage

```
list_version()
```

Details

The GitHub page of cereal is <https://github.com/USCiLab/cereal>, the tags are accessed via the GitHub API, from which a package_version object is coerced.

Value

package_version, a vector of available versions.

update_version	<i>Update installed cereal headers</i>
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Description

Clone a different version of the cereal headers into R library.

Usage

```
update_version(version = last_version(), ...)
```

Arguments

version	character or package_version ; the version to install, e.g. '1.3.2' or v1.3.2.
...	additional arguments passed to system.file() , e.g. lib.loc for the location of the library that Rcereal is installed in.

Details

This over-writes the installed cereal headers inside an R library. The default location for the files is found via [system.file\(\)](#). The library location can be specified by passing an argument lib.loc. See [system.file\(\)](#) for further details.

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