

# 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)

**License** BSD\_2\_clause + file LICENSE

**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
```

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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.

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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 <a href="#">package_version</a> ; the version to install, e.g. '1.3.2' or v1.3.2.
...	additional arguments passed to <a href="#">system.file()</a> , 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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