

# Package ‘RcppMagicEnum’

January 20, 2025

**Type** Package

**Title** 'Rcpp' Bindings to 'Magic Enum' 'C++' 'Enum' Support

**Version** 0.0.1

**Date** 2024-07-31

**Description** The header-only modern 'C++' template library 'Magic Enum' for static reflection of 'enums' (to string, from string, iteration) is provided by this package. More information about the underlying library can be found at its repository at [https://github.com/Neargye/magic\\_enum](https://github.com/Neargye/magic_enum).

**URL** <https://github.com/eddelbuettel/rcppmagicenum>

**BugReports** <https://github.com/eddelbuettel/rcppmagicenum/issues>

**License** MIT + file LICENSE

**Imports** Rcpp (>= 1.0.10)

**LinkingTo** Rcpp

**Suggests** tinytest

**Encoding** UTF-8

**RoxygenNote** 6.0.1

**NeedsCompilation** yes

**Author** Dirk Eddelbuettel [aut, cre] (<<https://orcid.org/0000-0001-6419-907X>>),  
Daniil Goncharov [aut] (Autor of 'magic\_enum')

**Maintainer** Dirk Eddelbuettel <edd@debian.org>

**Repository** CRAN

**Date/Publication** 2024-08-19 08:30:02 UTC

## Contents

RcppMagicEnum-package	2
magic_enum_example	2
<b>Index</b>	<b>3</b>

---

RcppMagicEnum-package *'Rcpp' Bindings to 'Magic Enum' 'C++' 'Enum' Support*

---

### Description

The header-only modern 'C++' template library 'Magic Enum' for static reflection of 'enums' (to string, from string, iteration) is provided by this package. More information about the underlying library can be found at its repository at <[https://github.com/Neargye/magic\\_enum](https://github.com/Neargye/magic_enum)>.

### Package Content

Index of help topics:

RcppMagicEnum-package	'Rcpp' Bindings to 'Magic Enum' 'C++' 'Enum' Support
magic_enum_example	Examples of 'magic_enum' use via 'RcppMagicEnum'

### Maintainer

Dirk Eddelbuettel <[edd@debian.org](mailto:edd@debian.org)>

### Author(s)

Dirk Eddelbuettel [aut, cre] (<<https://orcid.org/0000-0001-6419-907X>>), Daniil Goncharov [aut] (Autor of 'magic\_enum')

---

magic\_enum\_example *Examples of 'magic\_enum' use via RcppMagicEnum*

---

### Description

This example, directly almost verbatim from the upstream README.md shows several simple usage patterns for enumerations enabled by the package.

### Usage

```
magic_enum_example()
```

### Value

The function returns nothing and is invoked for its side-effect of displaying output to the console.

### Examples

```
magic_enum_example()
```

# Index

\* **package**

RcppMagicEnum-package, [2](#)

magic\_enum\_example, [2](#)

RcppMagicEnum (RcppMagicEnum-package), [2](#)

RcppMagicEnum-package, [2](#)