

Package: RcppTomlPlusPlus (via r-universe)

September 14, 2026

Type Package

Title 'Rcpp' Bindings to tomlplusplus Parser for ``Tom's Obvious Markup Language"

Version 0.0.1

Date 2023-01-05

Author Dirk Eddelbuettel

Maintainer Dirk Eddelbuettel <edd@debian.org>

Description The configuration format defined by 'TOML' (which expands to ``Tom's Obvious Markup Language") specifies an excellent format (described at <<https://toml.io/en/>>) suitable for both human editing as well as the common uses of a machine-readable format. This package uses 'Rcpp' to connect the 'toml++' parser written by Mark Gillard (in C++17) to R.

SystemRequirements A C++17 compiler.

BugReports <https://github.com/eddelbuettel/rcpptomlplusplus/issues>

URL <https://github.com/eddelbuettel/rcpptomlplusplus>

License GPL (>= 2)

Imports Rcpp (>= 1.0.6)

LinkingTo Rcpp

Suggests tinytest

RoxygenNote 6.0.1

Repository <https://eddelbuettel.r-universe.dev>

Date/Publication 2026-01-28 13:44:12 UTC

RemoteUrl <https://github.com/eddelbuettel/rcpptomlplusplus>

RemoteRef HEAD

RemoteSha 6deea7e9af76f08b404d3f2e2576e3bee03c1bdc

Contents

RcppTomlPlusPlus-package	2
parseTOML	2
Index	4

RcppTomlPlusPlus-package
'Rcpp' Bindings to tomlplusplus Parser for "Tom's Obvious Markup Language"

Description

The configuration format defined by 'TOML' (which expands to "Tom's Obvious Markup Language") specifies an excellent format (described at <<https://toml.io/en/>>) suitable for both human editing as well as the common uses of a machine-readable format. This package uses 'Rcpp' to connect the 'toml++' parser written by Mark Gillard (in C++17) to R.

Package Content

Index: This package was not yet installed at build time.

Maintainer

Dirk Eddelbuettel <edd@debian.org>

Author(s)

Dirk Eddelbuettel

parseTOML	<i>Parse a TOML file</i>
-----------	--------------------------

Description

The function parseTOML, also aliased to tomlparse and parseToml, parse TOML content inout. This is usually a file given by its name, or a character variable with a TOML expression.

Usage

```
parseTOML(input, verbose = FALSE, fromFile = TRUE, includize = FALSE,  
  escape = TRUE)
```

```
tomlparse(...)
```

```
parseToml(...)
```

```
## S3 method for class 'toml'  
print(x, ...)
```

```
## S3 method for class 'toml'  
summary(object, ...)
```

Arguments

input	[character] TOML input, either as chracter value or path to TOML file
verbose	[logical] Optional verbosity flag, no current effect
fromFile	[logical] Optional with default value ‘TRUE’ indicating parsing from file
includize	[logical] Optional legacy option, no current effect
escape	[logical] Optional boolean whether strings should be escaped, defaults to ‘TRUE’
...	Used for aliased function and S3 methods
x	Used for S3 method
object	Used for S3 method

Details

This implementation uses the ‘tomlplusplus’ library by Mark Gillar (see <https://github.com/marzer/tomlplusplus>) which is TOML 1.0 compliant. In earlier work the package used the ‘cpp-toml’ library by Chase Geigle (see <https://github.com/skystrike/cpptoml> for which development ceased once TOML 0.5.0 parity was reached.

Value

A list object with the parsed content as an S3 object of class ‘toml’

Index

* **package**

RcppTomlPlusPlus-package, [2](#)

parseTOML, [2](#)

parseToml (parseTOML), [2](#)

print.toml (parseTOML), [2](#)

RcppTomlPlusPlus

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

RcppTomlPlusPlus-package, [2](#)

summary.toml (parseTOML), [2](#)

tomlparse (parseTOML), [2](#)