

Package: RcppTomlPlusPlus (via r-universe)

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Type Package

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

Version 0.0.1

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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>

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

RemoteRef HEAD

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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

*Parse a TOML file***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

<code>input</code>	[character] TOML input, either as character value or path to TOML file
<code>verbose</code>	[logical] Optional verbosity flag, no current effect
<code>fromFile</code>	[logical] Optional with default value 'TRUE' indicating parsing from file
<code>includize</code>	[logical] Optional legacy option, no current effect
<code>escape</code>	[logical] Optional boolean whether strings should be escaped, defaults to 'TRUE'
<code>...</code>	Used for aliased function and S3 methods
<code>x</code>	Used for S3 method
<code>object</code>	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/skystrife/cpp-toml>) 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'

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