Package 'RcppFastFloat'

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Type Package
Title 'Rcpp' Bindings for the 'fast_float' Header-Only Library for Number Parsing
Version 0.0.4
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Description Converting ascii text into (floating-point) numeric values is a very common problem. The 'fast_float' header-only C++ library by Daniel Lemire does it very well and very fast at up to or over to 1 gigabyte per second as described in more detail in <arxiv:2101.11408>. 'fast_float' is licensed under the Apache 2.0 license and provided here for use by other R packages via a simple 'LinkingTo:' statement.</arxiv:2101.11408>
License GPL (>= 2)
Imports Rcpp
LinkingTo Rcpp
Suggests tinytest
<pre>URL https://github.com/eddelbuettel/rcppfastfloat/,</pre>
https://dirk.eddelbuettel.com/code/rcpp.fastfloat.html
BugReports https://github.com/eddelbuettel/rcppfastfloat/issues RoxygenNote 6.0.1
Encoding UTF-8
NeedsCompilation yes
Repository CRAN
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R topics documented:
as.double2

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as.double2

*Ultra efficient string-to-*double *Conversion*

Description

For character vectors, as.double2() is a drop-in replacement for base::as.double().

Usage

```
as.double2(x)
```

Arguments

Χ

A vector of type character.

See Also

```
as.double()
```

Examples

parseExample 3

parseExample	Floating Point Parsing Example	
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Description

This example is adapted from the example of the upstream README.md file, and generalized to be called from R with variable input.

Usage

```
parseExample(input = "3.1416 xyz ", verbose = TRUE)
```

Arguments

input A character variable with text to parse including a simple default verbose A boolean variable to show or suppress progress, defaults to true

Value

A floating point scalar is returned on success; in case of parsing failure the function exists via stop().

Examples

```
parseExample()
```

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