

Package ‘automatonR’

December 8, 2015

Type Package

Title Mines instances of timed-regular expressions matched in traces
using the expression templates

Version 0.1

Date 2015-07-11

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Maintainer Who to complain to <yourfault@somewhere.net>

Description

Please use `Sys.setenv(`PKG_CXXFLAGS`="-std=c++0x")` while doing a build using RStudio

License What license is it under?

LazyData TRUE

Imports Rcpp (>= 0.11.6), testthat (>= 0.11.0)

LinkingTo Rcpp

Suggests testthat, knitr, Rcpp

VignetteBuilder knitr

RoxygenNote 5.0.1

NeedsCompilation yes

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processTrace	<i>Process timed regex</i>
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Description

Processes the trace on a given timed regex, returning number of successes and resets

Usage

```
processTrace(traceTimes, traceEvents, alphabetLength, intervals, timedRegex)
```

Arguments

traceTimes	Numeric vector of timestamps.
traceEvents	Integer vector of corresponding events.
alphabetLength	Integer greater than zero indicating number of unique events.
intervals	DataFrame with two columns, start and end, corresponding to the intervals used in the regular expression.
timedRegex	the timed-regular expression template

Value

List of two nd-arrays. Success and Reset are counters values for each alphabet configuration.

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