Package ‘piton’

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Type Package
Title Parsing Expression Grammars in Rcpp
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URL https://github.com/Ironholds/piton
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Description A wrapper around the 'Parsing Expression Grammar Template Library', a C++11 library for generating Parsing Expression Grammars, that makes it accessible within Rcpp. With this, developers can implement their own grammars and easily expose them in R packages.
License MIT + file LICENSE
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R topics documented:

peg_sum ................................................................. 2
piton ................................................................. 2

Index 3
**Example PEG**

Description

An example of a Parsing Expression Grammar (PEG) that takes a comma-separated string of digits and sums them together.

Usage

```r
peg_sum(x)
```

Arguments

- `x`: A vector of strings, each containing a comma-separated set of digits.

Value

A vector of numbers, containing either the sum of the equivalent element of `x` or (if the element could not be parsed) `NA`.

Examples

```r
# Simple example
peg_sum("1,2, 5, 91, 34")
```

**Parsing Expression Grammars in Rcpp**

Description

This package wraps the PEGTL library to make Parsing Expression Grammars available to R/C++ developers. As an exported, header-only package, it can be included in other Rcpp codebases using depends functionality, and is platform-independent.

See Also

- the README, or `peg_sum` for an example.
Index

peg_sum, 2, 2
piton, 2
piton-package (piton), 2