

Package ‘piton’

November 30, 2025

Type Package

Title Parsing Expression Grammars in Rcpp

Version 1.0.1

URL <https://github.com/Ironholds/piton>

BugReports <https://github.com/Ironholds/piton/issues>

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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.

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Encoding UTF-8

LinkingTo Rcpp

Imports Rcpp

RoxygenNote 7.3.3

Suggests testthat

Date 2025-11-30

NeedsCompilation yes

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Repository CRAN

Date/Publication 2025-11-30 17:10:02 UTC

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peg_sum

*Example PEG***Description**

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

Usage

```
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

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

piton

*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.

Author(s)

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See Also

the [README](#), or [peg_sum](#) for an example.

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