

Package ‘RcppFarmHash’

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Type Package

Title Interface to the Google 'FarmHash' Family of Hash Functions

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Description The Google 'FarmHash' family of hash functions is used by the Google 'BigQuery' data warehouse via the 'FARM_FINGERPRINT' function. This package permits to calculate these hash digest fingerprints directly from R, and uses the included 'FarmHash' files written by G. Pike and copyrighted by Google, Inc.

License GPL (>= 2)

Imports Rcpp (>= 1.0.7)

LinkingTo Rcpp, RcppInt64

Suggests bit64

URL <https://github.com/eddelbuettel/rcppfarmhash/>,
<https://dirk.eddelbuettel.com/code/rcpp.farmhash.html>

BugReports <https://github.com/eddelbuettel/rcppfarmhash/issues>

RoxygenNote 6.0.1

Encoding UTF-8

NeedsCompilation yes

Repository CRAN

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RcppFarmHash-package *Interface to the Google 'FarmHash' Family of Hash Functions*

Description

The Google 'FarmHash' family of hash functions is used by the Google 'BigQuery' data warehouse via the 'FARM_FINGERPRINT' function. This package permits to calculate these hash digest fingerprints directly from R, and uses the included 'FarmHash' files written by G. Pike and copyrighted by Google, Inc.

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farmhash	Compute a 'FarmHash' digest for a vector of strings

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Author(s)

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farmhash	<i>Compute a 'FarmHash' digest for a vector of strings</i>
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Description

Compute a 'FarmHash' digest for a vector of strings

Usage

```
farmhash(sv)
```

Arguments

sv	Vector of strings for which a hash digest is requested
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Value

A vector of integer64 values (using the **bit64** package to 'decode' the appropriate binary payload from a numeric vector).

Examples

```
if (requireNamespace("bit64", quietly=TRUE)) {  
  suppressMessages(library(bit64))  
}  
farmhash(c("foo", "bar", "baz"))
```

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