

Package ‘RcppFarmHash’

September 6, 2026

Type Package

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

Version 0.0.4

Date 2026-09-06

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

Author Dirk Eddelbuettel [aut, cre] (ORCID:
<<https://orcid.org/0000-0001-6419-907X>>),
Geoff Pike [aut] (Author of FarmHash),
Google, Inc. [cph] (Copyright for FarmHash)

Maintainer Dirk Eddelbuettel <edd@debian.org>

Repository CRAN

Date/Publication 2026-09-06 12:20:02 UTC

Contents

RcppFarmHash-package	2
farmhash	2

Index**4**

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.

Package Content

Index of help topics:

RcppFarmHash-package
farmhash

Interface to the Google 'FarmHash' Family of Hash Functions
Compute a 'FarmHash' digest for a vector of strings

Maintainer

Dirk Eddelbuettel <edd@debian.org>

Author(s)

Dirk Eddelbuettel [aut, cre] (ORCID: <<https://orcid.org/0000-0001-6419-907X>>), Geoff Pike [aut] (Author of FarmHash), Google, Inc. [cph] (Copyright for FarmHash)

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

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

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"))
```

Index

* **package**

RcppFarmHash-package, [2](#)

farmhash, [2](#)

RcppFarmHash (RcppFarmHash-package), [2](#)

RcppFarmHash-package, [2](#)