

# Package ‘RcppFarmHash’

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**Type** Package

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

**Version** 0.0.3

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**Author** Dirk Eddelbuettel

**Maintainer** Dirk Eddelbuettel <edd@debian.org>

**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*

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### Description

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### Maintainer

Dirk Eddelbuettel <edd@debian.org>

### Author(s)

Dirk Eddelbuettel

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

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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

### 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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