

# Package ‘libgeos’

July 31, 2020

**Title** Open Source Geometry Engine ('GEOS') C API

**Version** 3.8.1-3

**Description** Provides the Open Source Geometry Engine ('GEOS') as a C API that can be used to write high-performance C and C++ geometry operations using R as an interface. Headers are provided to make linking to and using these functions from C++ code as easy and as safe as possible. This package contains an internal copy of the 'GEOS' library to guarantee the best possible consistency on multiple platforms.

**License** LGPL (>= 2.1)

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**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**URL** <https://paleolimbot.github.io/libgeos>,  
<https://github.com/paleolimbot/libgeos>

**BugReports** <https://github.com/paleolimbot/libgeos/issues>

**Suggests** Rcpp, testthat

**NeedsCompilation** yes

**Author** Dewey Dunnington [aut, cre] (<<https://orcid.org/0000-0002-9415-4582>>),  
GEOS authors [aut],  
Martin Davis [ctb, cph],  
Benjamin Campbell [ctb, cph],  
Tomasz Sowa [ctb, cph],  
Christian Kaiser [ctb, cph],  
David Skea [ctb, cph],  
Daniel Baston [ctb, cph],  
Sandro Santilli [ctb, cph],  
Mateusz Loskot [ctb, cph],  
Paul Ramsey [ctb, cph],  
Olivier Devillers [ctb, cph],

Sean Gillies [ctb, cph],  
Mika Heiskanen [ctb, cph],  
Safe Software Inc. [cph],  
Refractions Research Inc. [cph],  
Vivid Solutions Inc. [cph]

**Maintainer** Dewey Dunnington <dewey@fishandwhistle.net>

**Repository** CRAN

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## R topics documented:

<a href="#">libgeos_version</a> . . . . .	<a href="#">2</a>
<a href="#">Index</a>	<a href="#">3</a>

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[libgeos\\_version](#)      *GEOS version information*

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### Description

GEOS version information

### Usage

`libgeos_version()`

### Value

The version string returned by `GEOSSversion()`;

### Examples

`libgeos_version()`

# **Index**

`libgeos_version`, [2](#)