

# Package ‘libgeos’

March 19, 2025

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

**Version** 3.11.1-3

**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

**RoxygenNote** 7.3.2

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

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

**Suggests** testthat

**NeedsCompilation** yes

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libgeos_version	<i>GEOS version information</i>
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### Description

GEOS version information

### Usage

libgeos\_version()

### Value

The version string returned by GEOSversion();

### Examples

libgeos\_version()

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