

# Package ‘Rigraphlib’

October 16, 2025

**Type** Package

**Version** 1.0.0

**Date** 2025-04-01

**Title** igraph library as an R package

**License** GPL-3

**Description** Vendors the igraph C source code and builds it into a static library.  
Other Bioconductor packages can link to libigraph.a in their own C/C++ code.  
This is intended for packages wrapping C/C++ libraries that depend on the igraph C library and cannot be easily adapted to use the igraph R package.

**LinkingTo** biocmake

**Suggests** BiocStyle, knitr, rmarkdown, testthat

**VignetteBuilder** knitr

**biocViews** Clustering, GraphAndNetwork

**NeedsCompilation** yes

**URL** <https://github.com/libscran/Rigraphlib>

**BugReports** <https://github.com/libscran/Rigraphlib/issues>

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**git\_url** <https://git.bioconductor.org/packages/Rigraphlib>

**git\_branch** RELEASE\_3\_21

**git\_last\_commit** ale7cd0

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**Repository** Bioconductor 3.21

**Date/Publication** 2025-10-15

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pkgconfig	<i>Configure compilation flags</i>
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### Description

Configure flags for compiling downstream packages.

### Usage

```
pkgconfig(opt = c("PKG_CPPFLAGS", "PKG_LIBS"))
```

### Arguments

opt                   String specifying the Makevars option to print.

### Value

Flags to add to the requested opt of the Makevars are printed to the screen.

### Author(s)

Aaron Lun

### Examples

```
pkgconfig("PKG_CPPFLAGS")  
pkgconfig("PKG_LIBS")
```

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