

# Package ‘zlibbioc’

June 16, 2025

**Type** Package

**Title** An R packaged zlib-1.2.5

**Version** 1.54.0

**Author** Martin Morgan

**Maintainer** Bioconductor Package Maintainer <maintainer@bioconductor.org>

**Description** This package uses the source code of zlib-1.2.5 to create libraries for systems that do not have these available via other means (most Linux and Mac users should have system-level access to zlib, and no direct need for this package). See the vignette for instructions on use.

**Suggests** BiocStyle, knitr

**biocViews** Infrastructure

**URL** <https://bioconductor.org/packages/zlibbioc>

**BugReports** <https://github.com/Bioconductor/zlibbioc/issues>

**License** Artistic-2.0 + file LICENSE

**LazyLoad** yes

**VignetteBuilder** knitr

**PackageStatus** Deprecated

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

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

**git\_last\_commit** cbbff22

**git\_last\_commit\_date** 2025-04-15

**Repository** Bioconductor 3.21

**Date/Publication** 2025-06-15

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|                  |                                 |
|------------------|---------------------------------|
| zlibbioc-package | <i>An R packaged zlib-1.2.5</i> |
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### Description

This package is interesting to package developers only, and uses the source code of zlib-1.2.5 to create libraries for systems that do not have these available via other means (most Linux and Mac users should have system-level access to zlib, and no direct need for this package). See the vignette for instructions on use.

### Details

Instructions for use are in the vignette, available with `browseVignettes(package="zlibbioc")`

### Author(s)

Author: Martin Morgan

Maintainer: Biocore Team c/o BioC user list <bioconductor@stat.math.ethz.ch>

### References

<http://zlib.net/>

### Examples

```
packageDescription('zlibbioc')
```

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|           |                                                                   |
|-----------|-------------------------------------------------------------------|
| pkgconfig | <i>Retrieve configuration values for PKG_CFLAGS and PKG_LIBS.</i> |
|-----------|-------------------------------------------------------------------|

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### Description

Use `pkgconfig` to retrieve `PKG_CFLAGS` and `PKG_LIBS` configuration values to be used in Makevars files. See `browseVignettes(package="zlibbioc")`.

### Usage

```
pkgconfig(opt=c("PKG_CFLAGS", "PKG_LIBS_static", "PKG_LIBS_shared"))
```

### Arguments

`opt` A character(1), selected from the values in the default parameter values.

### Value

NULL; a side effect is that the configuration string is printed to stdout

**Author(s)**

Martin Morgan <mtmorgan@fhcrc.org>.

**Examples**

```
## Not run: browseVignettes(package="zlibbioc")

pkgconfig("PKG_CFLAGS")
pkgconfig("PKG_LIBS_static")
```

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