

# Package ‘Rhdf5lib’

February 18, 2019

**Type** Package  
**Title** hdf5 library as an R package  
**Version** 1.4.2  
**Author** Mike Smith  
**Maintainer** Mike Smith <grimbough@gmail.com>  
**Description** Provides C and C++ hdf5 libraries.  
**License** Artistic-2.0  
**Copyright** src/hdf5/COPYING  
**LazyLoad** true  
**VignetteBuilder** knitr  
**Suggests** BiocStyle, knitr, rmarkdown  
**BugReports** <https://github.com/grimbough/Rhdf5lib>  
**SystemRequirements** GNU make  
**Encoding** UTF-8  
**biocViews** Infrastructure  
**RoxygenNote** 6.1.1  
**git\_url** <https://git.bioconductor.org/packages/Rhdf5lib>  
**git\_branch** RELEASE\_3\_8  
**git\_last\_commit** 86b4372  
**git\_last\_commit\_date** 2018-12-03  
**Date/Publication** 2019-02-17

## R topics documented:

getHdf5Version . . . . .	2
pkgconfig . . . . .	2
Rhdf5lib . . . . .	3
<b>Index</b>	<b>4</b>

getHdf5Version            *Report the version of HDF5 distributed with this package*

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**Description**

This function returns the version number of the HDF5 library that is distributed with this package.

**Usage**

```
getHdf5Version()
```

**Value**

Returns a character vector of length 1 containing the version number.

**Examples**

```
getHdf5Version()
```

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pkgconfig            *Compiler arguments for using Rhdf5lib*

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**Description**

This function returns values for PKG\_CXX\_LIBS and PKG\_CC\_FLAGS variables for use in Makevars files.

**Usage**

```
pkgconfig(opt = c("PKG_CXX_LIBS", "PKG_C_LIBS"))
```

**Arguments**

opt            A scalar character from the list of available options; default is PKG\_CXX\_LIBS.

**Value**

NULL; prints the corresponding value to stdout.

**Examples**

```
pkgconfig("PKG_CXX_LIBS")  
pkgconfig("PKG_C_LIBS")
```

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Rhdf5lib

*Rhdf5lib: A version of the HDF5 library built into an R package.*

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### **Description**

This package provides a compiled version of the HDF5 library bundled within the R package structure. It is primarily useful to developers of other R packages who want to make use of the capabilities of the HDF5 library directly in the C or C++ code of their own packages, rather than using a higher level interface.

# Index

`getHdf5Version`, [2](#)

`pkgconfig`, [2](#)

`Rhdf5lib`, [3](#)

`Rhdf5lib-package (Rhdf5lib)`, [3](#)