

# Package ‘Rhdf5lib’

October 16, 2018

**Type** Package

**Title** hdf5 library as an R package

**Version** 1.2.1

**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

**biocViews** Infrastructure

**RoxygenNote** 6.0.1

**git\_url** <https://git.bioconductor.org/packages/Rhdf5lib>

**git\_branch** RELEASE\_3\_7

**git\_last\_commit** dbf85db

**git\_last\_commit\_date** 2018-05-16

**Date/Publication** 2018-10-15

## 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*

---

**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()
```

---

pkgconfig            *Compiler arguments for using Rhdf5lib*

---

**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")
```

---

Rhdf5lib

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

---

**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](#)