Package 'Rhdf5lib'

Type Package

Title hdf5 library as an R package

Version 1.0.0

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Description Provides C and C++ hdf5 libraries.

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LazyLoad true

VignetteBuilder knitr

Suggests BiocStyle, knitr, rmarkdown

BugReports https://github.com/grimbough/Rhdf5lib

SystemRequirements GNU make

biocViews Infrastructure

RoxygenNote 6.0.1

NeedsCompilation yes

R topics documented:

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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()
```

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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.

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