

Package ‘rhdf5filters’

April 16, 2024

Type Package

Title HDF5 Compression Filters

Version 1.14.1

Description Provides a collection of additional compression filters for HDF5 datasets. The package is intended to provide seamless integration with rhdf5, however the compiled filters can also be used with external applications.

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LazyLoad true

VignetteBuilder knitr

Suggests BiocStyle, knitr, rmarkdown, tinytest, rhdf5 (>= 2.34.0)

SystemRequirements GNU make

URL <https://github.com/grimbough/rhdf5filters>

BugReports <https://github.com/grimbough/rhdf5filters>

LinkingTo Rhdf5lib

RoxygenNote 7.2.3

Encoding UTF-8

biocViews Infrastructure, DataImport

git_url <https://git.bioconductor.org/packages/rhdf5filters>

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available_filters *Return a list of installed filters*

Description

This function can be used to produce a vector of the installed filters.

Usage

```
available_filters()
```

Value

A character vector containing the names of the installed filters.

Examples

```
available_filters()
```

hdf5_plugin_path *Return location of installed filters*

Description

This function can be used to find the location of the installed filters. Setting the environment variable HDF5_PLUGIN_PATH to this value will allow other applications that require the the filters to use the versions distributed with this package.

Usage

```
hdf5_plugin_path()
```

Value

A character string containing the path where the compiled filters are located.

Examples

```
hdf5_plugin_path()
```

rhdf5filters

rhdf5filters

Description

This package provides several HDF5 compression filters for use with rhdf5 or other tools using HDF5.

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