

Package ‘rhdf5filters’

May 15, 2025

Type Package

Title HDF5 Compression Filters

Version 1.20.0

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 (>= 2.47.7)

SystemRequirements GNU make

URL <https://github.com/Huber-group-EMBL/rhdf5filters>

BugReports <https://github.com/Huber-group-EMBL/rhdf5filters/issues>

LinkingTo Rhdf5lib

RoxygenNote 7.3.2

Encoding UTF-8

biocViews Infrastructure, DataImport

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

git_branch RELEASE_3_21

git_last_commit 3a5ed04

git_last_commit_date 2025-04-15

Repository Bioconductor 3.21

Date/Publication 2025-05-14

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available_filters	<i>Return a list of installed filters</i>
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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	<i>Return location of installed filters</i>
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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.

Author(s)

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See Also

Useful links:

- <https://github.com/grimbough/rhdf5filters>
- Report bugs at <https://github.com/grimbough/rhdf5filters>

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