

Package ‘rhdf5filters’

April 24, 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.

License BSD_2_clause + file LICENSE

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 2025-04-23

Author Mike Smith [aut, cre] (ORCID: <<https://orcid.org/0000-0002-7800-3848>>)

Maintainer Mike Smith <grimbough@gmail.com>

Contents

available_filters	2
hdf5_plugin_path	2
rhdf5filters	3

Index	4
--------------	----------

available_filters	<i>Return a list of installed filters</i>
-------------------	---

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>
------------------	---

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)

Maintainer: Mike Smith <grimbough@gmail.com> ([ORCID](#))

See Also

Useful links:

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

Index

`available_filters`, [2](#)

`hdf5_plugin_path`, [2](#)

`rhdf5filters`, [3](#)

`rhdf5filters-package (rhdf5filters)`, [3](#)