

# Package ‘rhdf5filters’

September 16, 2024

**Type** Package

**Title** HDF5 Compression Filters

**Version** 1.16.0

**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/grimbough/rhdf5filters>

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

**LinkingTo** Rhdf5lib

**RoxygenNote** 7.3.1

**Encoding** UTF-8

**biocViews** Infrastructure, DataImport

**git\_url** <https://git.bioconductor.org/packages/rhdf5filters>

**git\_branch** RELEASE\_3\_19

**git\_last\_commit** 1d29c0e

**git\_last\_commit\_date** 2024-04-30

**Repository** Bioconductor 3.19

**Date/Publication** 2024-09-15

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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()
```

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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*

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**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](mailto:grimbough@gmail.com)> ([ORCID](#))

**See Also**

Useful links:

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

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