

# Package ‘rhdf5filters’

July 21, 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

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**Repository** Bioconductor 3.21

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

**Maintainer** Mike Smith <grimbough@gmail.com>

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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> ([ORCID](#))

**See Also**

Useful links:

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

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