

# Package ‘rhdf5filters’

August 9, 2025

**Type** Package

**Title** HDF5 Compression Filters

**Version** 1.21.0

**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** devel

**git\_last\_commit** a4f274e

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**Repository** Bioconductor 3.22

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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*

---

### 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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