

# Package ‘rhdf5filters’

June 5, 2026

**Type** Package

**Title** HDF5 Compression Filters

**Version** 1.25.0

**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, testthat, 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** ae2170a

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**Repository** Bioconductor 3.24

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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)**

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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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