

H5Z_FILTER_AVAIL

[Expand all](#) [Collapse all](#)

- [Jump to ...](#)
- [Summary](#)
- [Description](#)
- [Example](#)
- [Switch language ...](#)
- [C](#)
- [C++](#)
- [FORTRAN](#)
- [JAVA](#)

[Summary](#)
[Description](#)
[Example](#)
[JAVA](#)
[FORTRAN](#)
[C++](#)
[C](#)

H5Z_FILTER_AVAIL

Determines whether a filter is available.

Procedure:

H5Z_FILTER_AVAIL(filter)

Signature:

```
htri_t H5zfilter_avail(H5Z_filter_t filter)
```

```
SUBROUTINE h5zfilter_avail_f(filter, status, hdferr)
  IMPLICIT NONE
  INTEGER, INTENT(IN)  :: filter      ! Filter
                                     ! Valid values are:
                                     !   H5Z_FILTER_DEFLATE_F
                                     !   H5Z_FILTER_SHUFFLE_F
                                     !   H5Z_FILTER_FLETCHER32_F
                                     !   H5Z_FILTER_SZIP_F
  LOGICAL, INTENT(OUT) :: status      ! Flag indicating whether
                                     ! filter is available:
                                     !   Positive
                                     !   Zero
  INTEGER, INTENT(OUT) :: hdferr      ! Returns 0 if successful and -1 if fails
END SUBROUTINE h5zfilter_avail_f
```

Parameters:

`H5Z_filter_t filter`

IN: Filter identifier. See the introduction to this section of the reference manual for a list of valid filter identifiers.

Description:

`H5Zfilter_avail` determines whether the filter specified in `filter` is available to the application.

Returns:

Returns a positive value if the specified filter is available.

Returns 0 if the specified filter is not available.

Returns a negative value when the function fails.

Example:

Coming Soon!

History:

Release	Change
1.6.0	Function introduced in this release.

--- Last Modified: July 22, 2020 | 03:45 PM