

# H5P\_MODIFY\_FILTER

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# H5P\_MODIFY\_FILTER

Modifies a filter in the filter pipeline

## Procedure:

H5P\_MODIFY\_FILTER ( plist\_id, filter\_id, flags, cd\_nelmts, cd\_values )

## Signature:

```
herr_t H5Pmodify_filter(  
    hid_t plist_id,  
    H5Z_filter_t filter_id,  
    unsigned int flags,  
    size_t cd_nelmts,  
    const unsigned int cd_values[]  
)
```

Fortran90 Interface: h5pmodify\_filter\_f

```
SUBROUTINE h5pmodify_filter_f(prp_id, filter, flags, cd_nelmts, &
                             cd_values, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: prp_id      ! Property list identifier
  INTEGER, INTENT(IN)      :: filter      ! Filter to be modified
  INTEGER, INTENT(IN)      :: flags       ! Bit vector specifying certain
                                           ! general properties of the filter
  INTEGER(SIZE_T), INTENT(IN) :: cd_nelmts ! Number of elements in cd_values
  INTEGER, DIMENSION(*), INTENT(IN) :: cd_values
                                           ! Auxiliary data for the filter
  INTEGER, INTENT(OUT)     :: hdferr      ! Error code
                                           ! 0 on success and -1 on failure
END SUBROUTINE h5pmodify_filter_f
```

### Parameters:

|                                       |  |
|---------------------------------------|--|
| <i>hid_t</i> plist_id                 | IN: Dataset or group creation property list identifier             |
| <i>H5Z_filter_t</i> filter_id         | IN: Filter to be modified  |
| <i>unsigned int</i> flags             | IN: Bit vector specifying certain general properties of the filter |
| <i>size_t</i> cd_nelmts               | IN: Number of elements in cd_values                                |
| <i>const unsigned int</i> cd_values[] | IN: Auxiliary data for the filter                                  |

### Description:

H5P\_MODIFY\_FILTER modifies the specified `filter_id` in the filter pipeline. `plist_id` must be a dataset or group creation property list.

The `filter_id`, `flags`, `cd_nelmts[]`, and `cd_values` parameters are used in the same manner and accept the same values as described in the discussion of H5P\_SET\_FILTER.

### Returns:

Returns a non-negative value if successful; otherwise returns a negative value.

### Example:

Coming Soon!

### History:

| Release | Change  |
|---------|---|
| 1.6.0   | Function introduced in this release.                          |
| 1.8.5   | Function extended to work with group creation property lists. |

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