

H5P_GET_ATTR_CREATION_ORDER

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H5P_GET_ATTR_CREATION_ORDER

Retrieves tracking and indexing settings for attribute creation order

Procedure:

H5P_GET_ATTR_CREATION_ORDER (ocpl_id, crt_order_flags)

Signature:

```
herr_t H5Pget_attr_creation_order(  
    hid_t ocpl_id,  
    unsigned *crt_order_flags  
)
```

Fortran90 Interface: h5pget_attr_creation_order_f

```
SUBROUTINE h5pget_attr_creation_order_f(ocpl_id, crt_order_flags, hdferr)  
  IMPLICIT NONE  
  INTEGER(HID_T), INTENT(IN) :: ocpl_id    ! Object (group or dataset) creation  
                                           ! property list identifier  
  INTEGER, INTENT(OUT) :: crt_order_flags ! Flags specifying whether to track  
                                           ! and index attribute creation order  
  INTEGER, INTENT(OUT) :: hdferr          ! Error code  
                                           ! 0 on success and -1 on failure  
END SUBROUTINE h5pget_attr_creation_order_f
```

Parameters:

<i>hid_t</i> <i>ocpl_id</i>	IN: Object (group or dataset) creation property list identifier
<i>unsigned</i> * <i>crt_order_flags</i>	OUT: Flags specifying whether to track and index attribute creation order

Description:

H5P_GET_ATTR_CREATION_ORDER retrieves the settings for tracking and indexing attribute creation order on an object.

ocpl_id is a dataset or group creation property list identifier. The term *ocpl*, for object creation property list, is used when different types of objects may be involved.

crt_order_flags returns flags with the following meanings:

H5P_CRT_ORDER_TRACKED	Attribute creation order is tracked but not necessarily indexed.
H5P_CRT_ORDER_INDEXED	Attribute creation order is indexed (requires H5P_CRT_ORDER_TRACKED).

If *crt_order_flags* is returned with a value of 0 (zero), attribute creation order is neither tracked nor indexed.

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.8.0	Function introduced in this release.