

H5P_SET_CREATE_INTERMEDIATE_GROUP

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H5P_SET_CREATE_INTERMEDIATE_GROUP

Specifies in property list whether to create missing intermediate groups

Procedure:

H5P_SET_CREATE_INTERMEDIATE_GROUP (lcpl_id, crt_intermed_group)

Signature:

```
herr_t H5Pset_create_intermediate_group(  
    hid_t lcpl_id,  
    unsigned crt_intermed_group  
)
```

Fortran90 Interface: h5pset_create_inter_group_f

```
SUBROUTINE h5pset_create_inter_group_f(lcpl_id, crt_intermed_group, hdferr)  
    IMPLICIT NONE  
    INTEGER(HID_T), INTENT(IN) :: lcpl_id  
        ! Link creation property list identifier  
    INTEGER, INTENT(IN) :: crt_intermed_group  
        ! Specifying whether to create intermediate groups  
        ! upon the creation of an object  
    INTEGER, INTENT(OUT) :: hdferr  
        ! Error code  
        ! 0 on success and -1 on failure  
END SUBROUTINE h5pset_create_inter_group_f
```

Parameters:

<i>hid_t</i> <code>lcpl_id</code>	IN: Link creation property list identifier
<i>unsigned</i> <code>crt_intermed_group</code>	IN: Flag specifying whether to create intermediate groups upon the creation of an object

Description:

`H5P_SET_CREATE_INTERMEDIATE_GROUP` specifies whether to set the link creation property list `lcpl_id` so that calls to functions that create objects in groups different from the current working group will create intermediate groups that may be missing in the path of a new or moved object.

Functions that create objects in or move objects to a group other than the current working group make use of this property. [H5G_CREATE_ANON](#) and [H5L_MOVE](#) are examples of such functions.

If `crt_intermed_group` is positive, the `H5G_CRT_INTMD_GROUP` will be added to `lcpl_id` (if it is not already there). Missing intermediate groups will be created upon calls to functions such as those listed above that use `lcpl_id`.

If `crt_intermed_group` is non-positive, the `H5G_CRT_INTMD_GROUP`, if present, will be removed from `lcpl_id`. Missing intermediate groups will *not* be created upon calls to functions such as those listed above that use `lcpl_id`.

Returns:

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

Example:

The following call sets the link creation property list `lcpl_id` such that a call to [H5G_CREATE_ANON](#) or other function using `lcpl_id` will create any missing groups in the path to the new object:

```
herr_t ret_value = H5Pset_create_intermediate_group(lcpl_id, 1)
```

History:

Release	Change
1.8.0	Function introduced in this release.