

H5O_INCR_REFCOUNT

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H5O_INCR_REFCOUNT

Increments an object reference count

Procedure:

H5O_INCR_REFCOUNT(object_id)

Signature:

```
herr_t H5Oincr_refcount( hid_t object_id )
```

```
SUBROUTINE h5oincr_refcount_f(obj_id, hdferr)  
  IMPLICIT NONE  
  INTEGER(HID_T), INTENT(IN)  :: obj_id  
  INTEGER          , INTENT(OUT) :: hdferr
```

Parameters:

<i>hid_t</i> object_id	IN: Object identifier; may be a group, named datatype, or dataset identifier
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Description:

H5O_INCR_REFCOUNT increments the hard link reference count for an object. It should be used any time a user-defined link that references an object by address is added. When the link is deleted, H5O_DECR_REFCOUNT should be used.

An object's *reference count* is the number of hard links in the file that point to that object. See the "Programming Model" section of the HDF5

Groups chapter in the *—HDF5 User's Guide* for a more complete discussion of reference counts.

If a user application needs to determine an object's reference count, an `H5O_GET_INFO` call is required; the reference count is returned in the `rc` field of the `H5O_info_t` struct.

Warning: This function must be used with care!
Improper use can lead to inaccessible data, wasted space in the file, or **file corruption**.

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.8.11	Fortran subroutine introduced in this release.
1.8.0	Function introduced in this release.

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