

H5P_GET_NLINKS

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H5P_GET_NLINKS

Retrieves the maximum number of link traversals

Procedure:

H5P_GET_NLINKS (lapl_id, nlinks)

Signature:

```
herr_t H5Pget_nlinks(  
    hid_t lapl_id,  
    size_t *nlinks  
)
```

Fortran90 Interface: h5pget_nlinks_f

```
SUBROUTINE h5pget_nlinks_f(lapl_id, nlinks, hdferr)  
    IMPLICIT NONE  
    INTEGER(HID_T), INTENT(IN) :: lapl_id  
                                ! File access property list identifier  
    INTEGER(SIZE_T), INTENT(OUT) :: nlinks  
                                ! Maximum number of links to traverse  
    INTEGER, INTENT(OUT) :: hdferr  
                                ! Error code  
                                ! 0 on success and -1 on failure  
END SUBROUTINE h5pget_nlinks_f
```

Parameters:

<i>hid_t</i> <i>fapl_id</i>	IN: File access property list identifier
<i>size_t</i> <i>nlinks</i>	OUT: Maximum number of links to traverse

Description:

H5P_GET_NLINKS retrieves the maximum number of soft or user-defined link traversals allowed, *nlinks*, before the library assumes it has found a cycle and aborts the traversal. This value is retrieved from the link access property list *lapl_id*.

The limit on the number soft or user-defined link traversals is designed to terminate link traversal if one or more links form a cycle. User control is provided because some files may have legitimate paths formed of large numbers of soft or user-defined links. This property can be used to allow traversal of as many links as desired.

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.