

H5G_GET_LINKVAL

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H5G_GET_LINKVAL

Returns the name of the object that the symbolic link points to

This function is deprecated in favor of the function [H5L_GET_VAL](#).

Procedure:

H5G_GET_LINKVAL(loc_id, name, size, value)

Signature:

```
herr_t H5Gget_linkval( hid_t loc_id, const char *name, size_t size, char *value )
```

```
SUBROUTINE h5gget_linkval_f(loc_id, name, size, buffer, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: loc_id           ! File or group identifier
  CHARACTER(LEN=*), INTENT(IN) :: name         ! Name of the symbolic link
  CHARACTER(LEN=size), INTENT(OUT) :: buffer   ! Buffer to hold a
                                                ! name of the object
                                                ! symbolic link points to
  INTEGER, INTENT(OUT) :: hdferr              ! Error code
                                                ! 0 on success and -1 on failure
END SUBROUTINE h5gget_linkval_f
```

Parameters:

hid_t loc_id

IN: Identifier of the file or group

<i>const char</i> *name	IN: Symbolic link to the object whose name is to be returned
<i>size_t</i> size	IN: Maximum number of characters of value to be returned
<i>char</i> *value	OUT: A buffer to hold the name of the object being sought

Description:

H5G_GET_LINKVAL returns *size* characters of the name of the object that the symbolic link *name* points to.

The parameter *loc_id* is a file or group identifier.

The parameter *name* must be a symbolic link pointing to the desired object and must be defined relative to *loc_id*.

If *size* is smaller than the size of the returned object name, then the name stored in the buffer *value* will not be null terminated.

This function fails if *name* is not a symbolic link. The presence of a symbolic link can be tested by passing zero for *size* and NULL for *value*.

This function should be used only after [H5L_GET_INFO1](#) (or the deprecated function H5G_GET_OBJINFO) has been called to verify that *name* is a symbolic link.

Returns:

Returns a non-negative value, with the link value in *value*, if successful. Otherwise returns a negative value.

Example:

Coming soon!

History:

Release	Change
1.8.0	Function deprecated in this release.