

H5G_GET_COMMENT

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H5G_GET_COMMENT

Retrieves comment for specified object (DEPRECATED)

This function is deprecated in favor of the function [H5O_GET_COMMENT](#).

Procedure:

H5G_GET_COMMENT(loc_id, name, bufsize, comment)

Signature:

```
int H5Gget_comment(hid_t loc_id, const char *name, size_t bufsize, char *comment )
```

```
SUBROUTINE h5gget_comment_f(loc_id, name, size, buffer, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: loc_id           ! File, group, dataset, or
                                                ! named datatype identifier
  CHARACTER(LEN=*), INTENT(IN) :: name         ! Name of the object link
  CHARACTER(LEN=size), INTENT(OUT) :: buffer   ! Buffer to hold the comment
  INTEGER, INTENT(OUT) :: hdferr              ! Error code
                                                ! 0 on success and -1 on failure
END SUBROUTINE h5gget_comment_f
```

Parameters:

hid_t loc_id

IN: Identifier of the file, group, dataset, or named datatype

<code>const char *name</code>	IN: Name of the object in <code>loc_id</code> whose comment is to be retrieved <code>name</code> must be '.' (dot) if <code>loc_id</code> fully specifies the object for which the associated comment is to be retrieved
<code>size_t bufsize</code>	IN: Anticipated required size of the <code>comment</code> buffer
<code>char *comment</code>	OUT: The comment

Description:

`H5G_GET_COMMENT` retrieves the comment for the the object specified by `loc_id` and `name`. The comment is returned in the buffer `comment`.

`loc_id` can specify any object in the file. `name` can be one of the following:

- The name of the object relative to `loc_id`
- An absolute name of the object, starting from /, the file's root group
- A dot (.), if `loc_id` fully specifies the object

At most `bufsize` characters, including a null terminator, are returned in `comment`. The returned value is not null terminated if the comment is longer than the supplied buffer. If the size of the comment is unknown, a preliminary `H5G_GET_COMMENT` call will return the size of the comment, including space for the null terminator.

If an object does not have a comment, the empty string is returned in `comment`.

Returns:

Returns the number of characters in the comment, counting the null terminator, if successful; the value returned may be larger than `bufsize`. Otherwise returns a negative value.

History:

Release	Change
1.8.0	Function deprecated in this release.

--- Last Modified: August 19, 2019 | 01:58 PM