

H5IM_GET_IMAGE_INFO

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H5IM_GET_IMAGE_INFO

Gets information about an image dataset (dimensions, interlace mode and number of associated palettes).

Procedure:

H5IM_GET_IMAGE_INFO(loc_id, dset_name, width, height, planes, interlace, npals)

Signature:

```
herr_t H5IMget_image_info( hid_t loc_id, const char *dset_name, hsize_t *width, hsize_t *height, hsize_t *planes, char*interlace, hssize_t *npals)
```

```
subroutine h5imget_image_info_f(loc_id, dset_name, width, height, planes, &
                               interlace, npals, errcode)
    implicit none
    integer(HID_T), intent(IN) :: loc_id           ! file or group identifier
    character(LEN=*), intent(IN) :: dset_name     ! name of the dataset
    integer(HSIZE_T), intent(INOUT) :: width     ! width of image
    integer(HSIZE_T), intent(INOUT) :: height    ! height of image
    integer(HSIZE_T), intent(INOUT) :: planes    ! color planes
    integer(HSIZE_T), intent(INOUT) :: npals     ! palettes
    character(LEN=*), intent(INOUT) :: interlace ! interlace
    integer :: errcode                            ! error code
end subroutine h5imget_image_info_f
```

Parameters:

<i>hid_t</i> loc_id	IN: Identifier of the file or group in which the dataset is located.
<i>const char</i> *dset_name	IN: The name of the dataset.
<i>hsize_t</i> *width	OUT: The width of the image.
<i>hsize_t</i> *height	OUT: The height of the image.
<i>hsize_t</i> *planes	OUT: The number of color planes of the image.
<i>char</i> *interlace	OUT: The interlace mode of the image.
<i>hssize_t</i> *npals	OUT: The number of palettes associated to the image.

Description:

H5IMget_image_info gets information about an image named dset_name attached to the file or group specified by the identifier loc_id. .

Returns:

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

Example:

Coming Soon!

--- Last Modified: December 04, 2017 | 07:19 AM