

H5P_GET_FILE_IMAGE_CALLBACKS

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H5P_GET_FILE_IMAGE_CALLBACKS

Retrieves callback routines for working with file images

Procedure:

H5P_GET_FILE_IMAGE_CALLBACKS (fapl_id, callbacks_ptr)

Motivation: H5P_GET_FILE_IMAGE_CALLBACKS and other elements of HDF5 are used to load an image of an HDF5 file into system memory and open that image as a regular HDF5 file. An application can then use the file without the overhead of disk I/O.

Recommended Reading: This function is part of the file image operations feature set. It is highly recommended to study the guide [HDF5 File Image Operations](#) before using this feature set. See the “See Also” section below for links to other elements of HDF5 file image operations.

Signature:

```
herr_t H5Pget_file_image_callbacks(  
    hid_t fapl_id,  
    H5_file_image_callbacks_t *callbacks_ptr  
)
```

Parameters:

hid_t fapl_id

IN: File access property list identifier

<code>H5_file_image_callbacks_t *callbacks_ptr</code>	<p>IN/OUT: Pointer to the instance of the <code>H5_file_image_callbacks_t</code> struct in which the callback routines are to be returned</p> <p>Struct fields must be initialized to <code>NULL</code> before the call is made.</p> <p>Struct field contents upon return will match those passed in in the last <code>H5P_SET_FILE_IMAGE_CALLBACKS</code> call for the file access property list <code>fapl_id</code>.</p>
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Description:

`H5P_GET_FILE_IMAGE_CALLBACKS` retrieves the callback routines set for working with file images opened with the file access property list `fapl_id`.

The callbacks must have been previously set with `H5P_SET_FILE_IMAGE_CALLBACKS` in the file access property list.

Upon the successful return of `H5P_SET_FILE_IMAGE_CALLBACKS`, the fields in the instance of the `H5_file_image_callbacks_t` struct pointed to by `callbacks_ptr` will contain the same values as were passed in the most recent `H5P_SET_FILE_IMAGE_CALLBACKS` call for the file access property list `fapl_id`.

See Also:

<p>H5LT_OPEN_FILE_IMAGE</p> <p>H5F_GET_FILE_IMAGE</p> <p>H5P_SET_FILE_IMAGE</p> <p>H5P_GET_FILE_IMAGE</p> <p>H5P_SET_FILE_IMAGE_CALLBACKS</p> <p><i>HDF5 File Image Operations in Advanced Topics in HDF5</i></p> <p>Within <code>H5P_SET_FILE_IMAGE_CALLBACKS</code>:</p> <p>Callback struct <code>H5_file_image_callbacks_t</code></p> <p>Callback ENUM <code>H5_file_image_op_t</code></p>

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.8.9	C function introduced in this release.