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

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

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:

H5LT_OPEN_FILE_IMAGE

H5F_GET_FILE_IMAGE

H5P_SET_FILE_IMAGE

H5P_GET_FILE_IMAGE

H5P_SET_FILE_IMAGE_CALLBACKS

HDF5 File Image Operations in Advanced Topics in HDF5

Within H5P_SET_FILE_IMAGE_CALLBACKS:

Callback struct `H5_file_image_callbacks_t`
Callback ENUM `H5_file_image_op_t`

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.

--- Last Modified: August 06, 2019 | 01:00 PM