

H5P_GET_SHARED_MESG_INDEX

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H5P_GET_SHARED_MESG_INDEX

Retrieves the configuration settings for a shared message index

Procedure:

H5P_GET_SHARED_MESG_INDEX (fcpl_id, index_num, mesg_type_flags, min_mesg_size)

Signature:

```
herr_t H5Pget_shared_mesg_index(  
    hid_t fcpl_id,  
    unsigned index_num,  
    unsigned *mesg_type_flags,  
    unsigned *min_mesg_size  
)
```

Parameters:

<i>hid_t</i> fcpl_id	IN: File creation property list identifier
<i>unsigned</i> index_num	IN: Index being configured
<i>unsigned</i> *mesg_type_flags	OUT: Types of messages that may be stored in this index
<i>unsigned</i> *min_mesg_size	OUT: Minimum message size

Description:

H5P_GET_SHARED_MESG_INDEX retrieves the message type and minimum message size settings from the file creation property list `fcpl_id` for the shared object header message index specified by `index_num`.

`index_num` specifies the index. `index_num` is zero-indexed, so in a file with three indexes, they will be numbered 0, 1, and 2.

`msg_type_flags` and `min_mesg_size` will contain, respectively, the types of messages and the minimum size, in bytes, of messages that can be stored in this index.

Valid message types are described in H5P_SET_SHARED_MESG_INDEX.

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.8.0	Function introduced in this release.

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