H5E_PUSH2

H5E_PUSH2

Pushes new error record onto error stack

Procedure:

H5E_PUSH2(estack_id, file, func, line, class_id, major_id, minor_id, msg)

Signature:

```
herr_t H5Epush2( hid_t estack_id, const char *file, const char *func, unsigned line, hid_t class_id, hid_t
major_id, hid_t minor_id, const char *msg, ...)
```

Parameters:

hid_t `estack_id`	IN: Identifier of the error stack to which the error record is to be pushed If the identifier is `H5E_DEFAULT`, the error record will be pushed to the current stack.
const char `*file`	IN: Name of the file in which the error was detected
const char `*func`	IN: Name of the function in which the error was detected
unsigned `line`	IN: Line number within the file at which the error was detected
hid_t `class_id`	IN: Error class identifier
hid_t `major_id`	IN: Major error identifier

hid_t `minor_id`	IN: Minor error identifier
const char *`msg`	IN: Error description string

Description:

H5E_PUSH2 pushes a new error record onto the error stack specified by `estack_id`.

The error record contains the error class identifier `class_id`, the major and minor message identifiers `major_id` and `minor_id`, the function name `func` where the error was detected, the file name `file` and line number `line` within that file where the error was detected, and an error description `msg`.

The major and minor errors must be in the same error class.

The function name, filename, and error description strings must be statically allocated.

`msg` can be a format control string with additional arguments. This design of appending additional arguments is similar to the system and C functions `printf` and `fprintf`.

Returns:

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

Example:

Coming Soon!

History:

Release	C
1.8.0	Function introduced in this release.

--- Last Modified: April 13, 2018 | 02:06 PM