

H5E_PUSH2

[Expand all](#) [Collapse all](#)

- [Jump to ...](#)
- [Summary](#)
- [Description](#)
- [Example](#)
- [Switch language ...](#)
- [C](#)
- [C++](#)
- [FORTRAN](#)
- [JAVA](#)

[Summary](#)
[Description](#)
[Example](#)
[JAVA](#)
[FORTRAN](#)
[C++](#)
[C](#)

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:

<i>hid_t</i> 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.
<i>const char</i> *file	IN: Name of the file in which the error was detected
<i>const char</i> *func	IN: Name of the function in which the error was detected
<i>unsigned</i> line	IN: Line number within the file at which the error was detected
<i>hid_t</i> class_id	IN: Error class identifier
<i>hid_t</i> major_id	IN: Major error identifier

<code>hid_t minor_id</code>	IN: Minor error identifier
<code>const char *msg</code>	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.