

H5E_GET_AUTO

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H5E_GET_AUTO

Returns settings for automatic error stack traversal function and its data

Signature:

```
herr_t H5Eget_auto( H5E_auto1_t * func, void **client_data )
```

```
herr_t H5Eget_auto( hid_t estack_id, H5E_auto2_t * func, void **client_data )
```

Description:

H5E_GET_AUTO is a macro that is mapped to either [H5E_GET_AUTO1](#) or [H5E_GET_AUTO2](#), depending on the needs of the application.

Such macros are provided to facilitate application compatibility. Their use and mappings are fully described in [API Compatibility Macros in HDF5](#).

When both the HDF5 library and the application are built and installed with no specific compatibility flags, H5E_GET_AUTO is mapped to the most recent version of the function, currently [H5E_GET_AUTO2](#). If the library and/or application is compiled for Release 1.6 emulation, H5E_GET_AUTO will be mapped to [H5E_GET_AUTO1](#). Function-specific flags are available to override these settings on a function-by-function basis when the application is compiled.

Specific compile-time compatibility flags and the resulting mappings are as follows:

Compatibility setting	H5Eget_auto mapping
Global settings	
No compatibility flag	H5Eget_auto2
Enable deprecated symbols	H5Eget_auto2
Disable deprecated symbols	H5Eget_auto2

Emulate Release 1.6 interface	H5Eget_auto1
Function-level macros	
H5Eget_auto_vers = 2	H5Eget_auto2
H5Eget_auto_vers = 1	H5Eget_auto1

History:

Release	Change
1.8.0	The function H5Eget_auto renamed to H5Eget_auto1 and deprecated in this release. The macro H5Eget_auto and the function H5Eget_auto2 introduced in this release.

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