

H5E_CLEAR

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H5E_CLEAR

Clears an error stack

Signature:

```
herr_t H5Eclear1( void )
```

```
herr_t H5Eclear2( hid_t estack_id )
```

```
SUBROUTINE h5eclear_f(hdferr)  
  IMPLICIT NONE  
  INTEGER, INTENT(OUT) :: hdferr ! Error code
```

```
END SUBROUTINE h5eclear_f
```

Description:

H5E_CLEAR is a macro that is mapped to either [H5E_CLEAR1](#) or [H5E_CLEAR2](#), 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](#); we urge you to read that document closely.

When both the HDF5 library and the application are built and installed with no specific compatibility flags, H5E_CLEAR is mapped to the most recent version of the function, currently [H5E_CLEAR2](#). If the library and/or application is compiled for Release 1.6 emulation, H5E_CLEAR will be mapped to [H5E_CLEAR1](#). 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	H5E_CLEAR mapping
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[Global settings](#)

No compatibility flag	H5Eclear2
Enable deprecated symbols	H5Eclear2
Disable deprecated symbols	H5Eclear2
Emulate Release 1.6 interface	H5Eclear1

[Function-level macros](#)

H5Eclear_vers = 2	H5Eclear2
H5Eclear_vers = 1	H5Eclear1

History:

Release	C
1.8.0	The function H5E_CLEAR was renamed to H5E_CLEAR2 and deprecated in this release. The macro H5E_CLEAR and the function H5E_CLEAR2 introduced in this release.

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