

H5T_GET_MEMBER_CLASS

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H5T_GET_MEMBER_CLASS

Returns datatype class of compound datatype member

Procedure:

H5T_GET_MEMBER_CLASS (cdtype_id, member_no)

Signature:

```
H5T_class_t H5Tget_member_class( hid_t cdtype_id, unsigned member_no )
```

```
SUBROUTINE h5tget_member_class_f(type_id, member_no, class, hdferr)  
  INTEGER(HID_T), INTENT(IN) :: type_id      ! Datatype identifier  
  INTEGER, INTENT(IN) :: member_no         ! Member number  
  INTEGER, INTENT(OUT) :: class            ! Member class  
  INTEGER, INTENT(OUT) :: hdferr          ! Error code  
END SUBROUTINE h5tget_member_class_f
```

Parameters:

<i>hid_t</i> cdtype_id	IN: Datatype identifier of compound object
<i>unsigned</i> member_no	IN: Compound object member number

Description:

Given a compound datatype, *cdtype_id*, the function H5T_GET_MEMBER_CLASS returns the datatype class of the compound datatype

member specified by `member_no`.

Valid class identifiers are as defined in [H5T_GET_CLASS](#)

Returns:

Returns the datatype class, a non-negative value, if successful; otherwise returns a negative value.

Example:

Coming Soon!

History:

Release	Change
1.6.4	membno parameter type changed to <i>unsigned</i> .

--- Last Modified: May 16, 2019 | 09:36 AM