H5T_GET_MEMBER_INDEX

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H5T_GET_MEMBER_INDEX

Retrieves the index of a compound or enumeration datatype member

Procedure:

H5T_GET_MEMBER_INDEX (dtype_id, field_name)

Signature:

```
int H5Tget_member_index( hid_t dtype_id, const char * field_name )
```

```
SUBROUTINE h5tget_member_index_f(type_id, name, index, hdferr)
  INTEGER(HID_T), INTENT(IN) :: type_id  ! Datatype identifier
  CHARACTER(LEN=*), INTENT(IN) :: name   ! Member name
  INTEGER, INTENT(OUT) :: index          ! Member index
  INTEGER, INTENT(OUT) :: hdferr         ! Error code
END SUBROUTINE h5tget_member_index_f
```

Parameters:

hid_t `dtype_id`	IN: Identifier of datatype to query
const char * `field_name`	IN: Name of the field or member whose index is to be retrieved

Description:

H5T_GET_MEMBER_INDEX retrieves the index of a field of a compound datatype or an element of an enumeration datatype.

The name of the target field or element is specified in `field_name`.

Fields are stored in no particular order with index values of 0 through *N*-1, where *N* is the value returned by H5T_GET_NMEMBERS .

Returns:

Returns a valid field or member index if successful; otherwise returns a negative value.

Example:

Coming Soon!

History:

Release	Change
1.4.5	Fortran90 Function introduced in this release.
1.4.4	C Function introduced in this release.

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