

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:

<i>hid_t</i> dtype_id	IN: Identifier of datatype to query
<i>const char *</i> 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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