

H5T_GET_NMEMBERS

[Expand all](#) [Collapse all](#)

- [Jump to ...](#)
- [Summary](#)
- [Description](#)
- [Example](#)
- [Switch language ...](#)
- [C](#)
- [C++](#)
- [FORTRAN](#)
- [JAVA](#)

[Summary](#)
[Description](#)
[Example](#)
[JAVA](#)
[FORTRAN](#)
[C++](#)
[C](#)

H5T_GET_NMEMBERS

Retrieves the number of elements in a compound or enumeration datatype

Procedure:

H5T_GET_NMEMBERS (dtype_id)

Signature:

```
int H5Tget_nmembers( hid_t dtype_id )
```

```
SUBROUTINE h5tget_nmembers_f(type_id, num_members, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: type_id ! Datatype identifier
  INTEGER, INTENT(OUT) :: num_members ! Number of fields in a
  ! compound datatype
  INTEGER, INTENT(OUT) :: hdferr ! Error code
END SUBROUTINE h5tget_nmembers_f
```

Parameters:

<i>hid_t</i> dtype_id	IN: Identifier of datatype to query
-----------------------	-------------------------------------

Description:

H5T_GET_NMEMBERS retrieves the number of fields in a compound datatype or the number of members of an enumeration datatype.

Returns:

Returns the number of elements if successful; otherwise returns a negative value.

Example:

Coming Soon!

--- Last Modified: May 16, 2019 | 10:09 AM