

# H5T\_GET\_ARRAY\_NDIMS

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## H5T\_GET\_ARRAY\_NDIMS

Returns the rank of an array datatype

### Procedure:

H5T\_GET\_ARRAY\_NDIMS (adtype\_id)

### Signature:

```
int H5Tget_array_ndims( hid_t adtype_id )
```

```
SUBROUTINE h5tget_array_ndims_f(type_id, ndims, hdferr)  
  IMPLICIT NONE  
  INTEGER(HID_T), INTENT(IN) :: type_id ! Identifier of the array datatype  
  INTEGER, INTENT(OUT)      :: ndims   ! Number of array dimensions  
  INTEGER, INTENT(OUT)      :: hdferr  ! Error code  
END SUBROUTINE h5tget_array_ndims_f
```

### Parameters:

<i>hid_t</i> adtype_id	IN: Datatype identifier of array object
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### Description:

H5T\_GET\_ARRAY\_NDIMS returns the rank, the number of dimensions, of an array datatype object.

**Returns:**

Returns the rank of the array if successful; otherwise returns a negative value.

**Example:**

Coming Soon!

**History:**

Release	Change
1.4.0	Function introduced in this release.

--- Last Modified: May 16, 2019 | 09:22 AM