

H5T_ARRAY_CREATE2

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

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

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

H5T_ARRAY_CREATE2

Creates an array datatype object

Procedure:

H5T_ARRAY_CREATE2(base_type_id, rank, dims)

Signature:

```
hid_t H5Tarray_create2( hid_t base_type_id, unsigned rank, const hsize_t dims[/*rank*/] )
```

Parameters:

<i>hid_t</i> base_type_id	IN: Datatype identifier for the array base datatype
<i>unsigned</i> rank	IN: Rank of the array
<i>const hsize_t</i> dims[/*rank*/]	IN: Size of each array dimension

Description:

H5T_ARRAY_CREATE2 creates a new array datatype object.

base_type_id is the datatype of every element of the array, i.e., of the number at each position in the array.

rank is the number of dimensions and the size of each dimension is specified in the array dims. The value of rank is currently limited to H5S_MAX_RANK and must be greater than 0 (zero). All dimension sizes specified in dims must be greater than 0 (zero).

Returns:

Returns a valid datatype identifier if successful; otherwise returns a negative value.

Example:

Coming Soon!

History:

Release	Change
1.8.0	C function introduced in this release.

--- Last Modified: May 03, 2019 | 03:04 PM