

H5D_GET_SPACE

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H5D_GET_SPACE

Returns an identifier for a copy of the dataspace for a dataset

Procedure:

H5D_GET_SPACE(dataset_id)

Signature:

```
hid_t H5Dget_space( hid_t dataset_id )
```

```
SUBROUTINE h5dget_space_f(dataset_id, dataspace_id, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: dataset_id      ! Dataset identifier
  INTEGER(HID_T), INTENT(OUT) :: dataspace_id  ! Dataspace identifier
  INTEGER, INTENT(OUT) :: hdferr              ! Error code
                                              ! 0 on success and -1 on failure
END SUBROUTINE h5dget_space_f
```

Parameters:

<i>hid_t</i> dataset_id	IN: Identifier of the dataset to query
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Description:

H5D_GET_SPACE makes a copy of the dataspace of the dataset specified by `dataset_id`. The function returns an identifier for the new copy of the dataspace.

A dataspace identifier returned from this function should be released with `H5Sclose` when the identifier is no longer needed so that resource leaks will not occur.

Returns:

Returns a dataspace identifier if successful; otherwise returns a negative value.

Example:

Coming Soon!

--- Last Modified: April 13, 2018 | 09:31 AM