

H5DS_GET_NUM_SCALES

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H5DS_GET_NUM_SCALES

Determines how many Dimension Scales are attached to dimension idx of did.

Procedure:

H5DS_GET_NUM_SCALES(did, idx)

Signature:

```
int H5DSget_num_scales(hid_t did, unsigned int idx)
```

```
SUBROUTINE H5DSget_num_scales_f(did, idx, num_scales, errcode)
  IMPLICIT NONE
  INTEGER(hid_t), INTENT(in)  :: did           ! The dataset
  INTEGER          , INTENT(in)  :: idx           ! The dimension of did to query
  INTEGER          , INTENT(out) :: num_scales    ! The number of Dimension Scales
                                                    ! associated with did
  INTEGER          :: errcode                   ! Error code
END SUBROUTINE H5DSget_num_scales_f
```

Parameters:

<i>hid_t did;</i>	IN: the data set to query
<i>unsigned int idx;</i>	IN: the dimension of <i>did</i> to query.

Description:

H5DSget_num_scales determines how many Dimension Scales are attached to dimension *did* of dataset *dset*.

Returns:

Returns the number of Dimension Scales associated with *did*, if successful, otherwise returns a negative value.

Example:

Coming Soon!

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