

H5DS_ATTACH_SCALE

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H5DS_ATTACH_SCALE

Attach dimension scale dsid to dimension idx of dataset did.

Procedure:

H5DS_ATTACH_SCALE(did, dsid, idx)

Signature:

```
herr_t H5DSattach_scale(hid_t did, hid_t dsid, unsigned int idx)
```

```
SUBROUTINE H5DSattach_scale_f(did, dsid, idx, errcode)
  IMPLICIT NONE
  INTEGER(hid_t), INTENT(in) :: did      ! The dataset
  INTEGER(hid_t), INTENT(in) :: dsid    ! The scale to be attached
  INTEGER          , INTENT(in) :: idx   ! The dimension of did that
                                          ! dsid is associated with.
  INTEGER          :: errcode ! Error code
END SUBROUTINE H5DSattach_scale_f
```

Parameters:

<i>hid_t did</i> ;	IN: the dataset
<i>hid_t dsid</i> ;	IN: the scale to be attached
<i>unsigned int idx</i> ;	IN: the dimension of did that dsid is associated with.

Description:

Define Dimension Scale *dsid* to be associated with dimension *idx* of Dataset *did*.

Entries are created in the DIMENSION_LIST and REFERENCE_LIST attributes, as defined in section 4.2.

Fails if:

- Bad arguments
- If *dsid* is not a Dimension Scale
- If *did* is a Dimension Scale (A Dimension Scale cannot have scales.)

Note: The Dimension Scale *dsid* can be attached to the same dimension more than once, which has no effect.

Returns:

Zero if succeed, negative if fail.

Example:

Coming Soon!

--- Last Modified: December 04, 2017 | 07:25 AM