H5A_OPEN_IDX

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H5A_OPEN_IDX

Opens the attribute specified by its index (DEPRECATED)

> This function is deprecated in favor of the function H5A_OPEN_BY_IDX .

Procedure:

H5A_OPEN_IDX(loc_id, idx)

Signature:

```
hid_t H5Aopen_idx
(
    hid_t        loc_id,
    unsigned int idx
)
```

```
SUBROUTINE h5aopen_idx_f(obj_id, index, attr_id, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: obj_id    ! Object identifier
  INTEGER, INTENT(IN) :: index            ! Attribute index
  INTEGER(HID_T), INTENT(OUT) :: attr_id  ! Attribute identifier
  INTEGER, INTENT(OUT) :: hdferr          ! Error code:
                                          ! 0 on success and -1 on failure
END SUBROUTINE h5aopen_idx_f
```

Parameters:

hid_t `loc_id`	IN: Identifier of the group, dataset, or named datatype attribute to be attached to
unsigned int `idx`	IN: Index of the attribute to open

Description:

H5A_OPEN_IDX opens an attribute which is attached to the object specified with `loc_id`. The location object may be either a group, dataset, or named datatype, all of which may have any sort of attribute. The attribute specified by the index, `idx`, indicates the attribute to access. The value of `idx` is a 0-based, non-negative integer. The attribute identifier returned from this function must be released with H5A_CLOSE or resource leaks will develop.

Returns:

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

Example:

Coming Soon!

--- Last Modified: April 10, 2018 | 02:43 PM