H5T_SET_PAD

Expand all Collapse all

- Jump to ...
- Summary
- Description
- Example
- Switch language ...
- C
- C++
- FORTRAN
- JAVA

Summary
Description
Example
JAVA
FORTRAN
C++
C

H5T_SET_PAD

Sets the least and most-significant bits padding types

Procedure:

H5T_SET_PAD (dtype_id, lsb, msb)

Signature:

```
herr_t H5Tset_pad( hid_t dtype_id, H5T_pad_t lsb, H5T_pad_t msb )
```

```
SUBROUTINE h5tset_pad_f(type_id, lsbpad, msbpad, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN) :: type_id ! Datatype identifier
  INTEGER, INTENT(IN) :: lsbpad         ! Padding type of the
                                        ! least significant bit
  INTEGER, INTENT(IN) :: msbpad         ! Padding type of the
                                        ! most significant bit
                                        ! Possible values of padding
                                        ! type are:
                                        !    H5T_PAD_ZERO_F = 0
                                        !    H5T_PAD_ONE_F = 1
                                        !    H5T_PAD_BACKGROUND_F = 2
                                        !    H5T_PAD_ERROR_F = -1
                                        !    H5T_PAD_NPAD_F = 3
  INTEGER, INTENT(OUT) :: hdferr        ! Error code
END SUBROUTINE h5tset_pad_f
```

Parameters:

hid_t `dtype_id`	IN: Identifier of datatype to set
H5T_pad_t `lsb`	IN: Padding type for least-significant bits
H5T_pad_t `msb`	IN: Padding type for most-significant bits

Description:

H5T_SET_PAD sets the least and most-significant bits padding types.

Type	Description
H5T_PAD_ZERO (`0`)	Set background to zeros
H5T_PAD_ONE (`1`)	Set background to ones
H5T_PAD_BACKGROUND (`2`)	Leave background alone

Returns:

Returns a non-negative value if successful; otherwise returns a negative value.

Example:

Coming Soon!

--- Last Modified: May 23, 2019 | 03:48 PM