

H5D_CLOSE

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H5D_CLOSE

Closes the specified dataset

Procedure:

H5D_CLOSE(dataset_id)

Signature:

```
herr_t H5Dclose  
(  
    hid_t dataset_id  
)
```

```
SUBROUTINE h5dclose_f(dset_id, hdferr)  
    IMPLICIT NONE  
    INTEGER(HID_T), INTENT(IN) :: dset_id ! Dataset identifier  
    INTEGER, INTENT(OUT) :: hdferr      ! Error code  
                                        ! 0 on success and -1 on failure  
END SUBROUTINE h5dclose_f
```

Parameters:

<i>hid_t</i> dataset_id	IN: Identifier of the dataset to close access to
-------------------------	--

Description:

H5D_CLOSE ends access to a dataset specified by `dataset_id` and releases resources used by it. Further use of the dataset identifier is illegal in calls to the dataset API.

Returns:

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

Example:

examples / h5_crtdat.c [40:41]

1.10/master H5FFV/hdf5

```
/* End access to the dataset and release resources used by it. */
status = H5Dclose(dataset_id);
```

fortran / examples / h5_crtdat.f90 [62:65]

1.10/master H5FFV/hdf

```
5
!
! End access to the dataset and release resources used by it.
!
CALL h5dclose_f(dset_id, error)
```