

H5LT_READ_DATASET_DOUBLE

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H5LT_READ_DATASET_DOUBLE

Reads a dataset from disk.

Procedure:

H5LT_READ_DATASET_DOUBLE(*loc_id*, *dset_name*, *buffer*)

Signature:

```
herr_t H5LTread_dataset_double ( hid_t loc_id, const char *dset_name, double *buffer )
```

```
subroutine h5ltread_dataset_double_f(loc_id, dset_name, buf, &
                                   dims, errcode)
    implicit none
    integer(HID_T), intent(IN) :: loc_id           ! file or group identifier
    character(LEN=*), intent(IN) :: dset_name      ! name of the dataset
    integer(HSIZE_T), dimension(*), intent(IN) :: dims
                                                ! size of the buffer buf
    double precision, intent(INOUT), dimension(*) :: buf
                                                ! data buffer
    integer :: errcode                            ! error code
end subroutine h5ltread_dataset_double_f
```

Parameters:

<i>hid_t</i> <i>loc_id</i>	IN: Identifier of the file or group to read the dataset within.
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<i>const char</i> *dset_name	IN: The name of the dataset to read.
<i>double</i> *buffer	OUT: Buffer with data.

Description:

H5LTread_dataset reads a dataset named dset_name attached to the object specified by the identifier loc_id. The HDF5 datatype is H5T_NATIVE_DOUBLE.

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.8.7	Fortran subroutine modified in this release to accomodate arrays with more than three dimensions.

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