

H5D_GET_CHUNK_STORAGE_SIZE

[Expand all](#) [Collapse all](#)

- [Jump to ...](#)
- [Summary](#)
- [Description](#)
- [Example](#)
- [Switch language ...](#)
- [C](#)
- [C++](#)
- [FORTRAN](#)
- [JAVA](#)

[Summary](#)
[Description](#)
[Example](#)
[JAVA](#)
[FORTRAN](#)
[C++](#)
[C](#)

H5D_GET_CHUNK_STORAGE_SIZE

Returns the amount of storage allocated within the file for a raw data chunk in a dataset

Procedure:

H5D_GET_CHUNK_STORAGE_SIZE (dataset_id, offset, chunk_nbytes)

Signature:

```
herr_t H5Dget_chunk_storage_size(  
    hid_t dataset_id,  
    const hsize_t *offset,  
    hsize_t *chunk_nbytes  
)
```

Parameters:

<i>hid_t</i> dataset_id	IN: Identifier of the dataset to query
<i>const hsize_t *</i> offset	IN: Logical offset in the dataset for the chunk to query
<i>hsize_t *</i> chunk_nbytes	OUT: The size in bytes for the chunk

Description:

H5D_GET_CHUNK_STORAGE_SIZE returns the size in bytes allocated in the file for a raw data chunk as specified by its logical `offset` in the dataset `dataset_id`. The size is returned in `chunk_nbytes`. It is the size of the compressed data if the chunk is filtered and the size may be

zero if no storage is allocated yet for the dataset.

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.10.2	C function introduced in this release

--- Last Modified: December 18, 2018 | 01:25 PM