

H5TB_READ_RECORDS

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

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

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

H5TB_READ_RECORDS

Reads records

Procedure:

H5TB_READ_RECORDS (loc_id, table_name, start, nrecords, type_size, field_offset, dst_sizes, data)

Signature:

```
herr_t H5TBread_records ( hid_t loc_id, const char *table_name, hsize_t start, hsize_t nrecords,  
                          size_t type_size, const size_t *field_offset, const size_t *dst_sizes, void *data )
```

Parameters:

| | |
|------------------------------------|--|
| <i>hid_t</i> loc_id | IN: Identifier of the file or group to read the table within |
| <i>const char *</i> table_name | IN: The name of the dataset to read |
| <i>hsize_t</i> start | IN: The start record to read from |
| <i>hsize_t</i> nrecords | IN: The number of records to read |
| <i>size_t</i> type_size | IN: The size of the structure type, as calculated by sizeof() |
| <i>const size_t *</i> field_offset | IN: An array containing the offsets of the fields. These offsets can be calculated with the HOFFSET macro. |
| <i>const size_t *</i> dst_sizes | IN: An array containing the size in bytes of the fields |

`void *data`

OUT: Buffer with data

Description:

H5TB_READ_RECORDS reads some records identified from a dataset named `table_name` attached to the object specified by the identifier `loc_id`.

Returns:

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

Example:

hl / test / test_table.c [559:565]

hdf5_1_12

HDFV/hdf5

```
rstart=0;
rrecords=8;
if (H5TBread_records(fid,tname,rstart,rrecords,type_size_mem,field_offset,
    field_size,rbuf)<0)
    goto out;
```

--- Last Modified: December 19, 2019 | 10:03 AM