

# H5P\_SET\_MULTI\_TYPE

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# H5P\_SET\_MULTI\_TYPE

Specifies type of data to be accessed via the `MULTI` driver, enabling more direct access

## Procedure:

`H5P_SET_MULTI_TYPE ( fapl_id, type )`

## Signature:

```
herr_t H5Pset_multi_type (  
    hid_t fapl_id,  
    H5FD_mem_t type  
)
```

## Parameters:

<code>hid_t fapl_id</code>	IN: File access property list identifier
<code>H5FD_mem_t type</code>	IN: Type of data to be accessed

## Description:

`H5P_SET_MULTI_TYPE` sets the *type of data* property in the file access property list `fapl_id`.

This setting enables a user application to specify the type of data the application wishes to access so that the application can retrieve a file handle for low-level access to the particular member of a set of `MULTI` files in which that type of data is stored. The file handle is retrieved with a

separate call to `H5F_GET_VFD_HANDLE` (or, in special circumstances, to `H5FD_GET_VFD_HANDLE`; see *—Virtual File Layer* and *—List of VFL Functions* in *—HDF5 Technical Notes*).

The type of data specified in `type` may be one of the following:

<code>H5FD_MEM_SUPER</code>	Super block data
<code>H5FD_MEM_BTREE</code>	B-tree data
<code>H5FD_MEM_DRAW</code>	Dataset raw data
<code>H5FD_MEM_GHEAP</code>	Global heap data
<code>H5FD_MEM_LHEAP</code>	Local Heap data
<code>H5FD_MEM_OHDR</code>	Object header data

This function is for use only when accessing an HDF5 file written as a set of files with the `MULTI` file driver.

**Returns:**

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

**Example:**

Coming Soon!

**History:**

Release	Change
1.6.0	C function introduced in this release.

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