

H5P_GET_MULTI_TYPE

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

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

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

H5P_GET_MULTI_TYPE

Retrieves type of data property for `MULTI` driver

Procedure:

`H5P_GET_MULTI_TYPE (fapl_id, type)`

Signature:

```
herr_t H5Pget_multi_type (
    hid_t fapl_id,
    H5FD_mem_t *type
)
```

Parameters:

<code>hid_t fapl_id</code>	IN: File access property list or data transfer property list identifier
<code>H5FD_mem_t *type</code>	OUT: Type of data

Description:

`H5P_GET_MULTI_TYPE` retrieves the type of data setting from the file access or data transfer property list `fapl_id`. This 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 `H5FDget_vfd_handle`; see [Virtual File Layer](#) and [—List of VFL Functions](#) in [—HDF5 Technical Notes](#)).

The type of data returned in `type` will be one of those listed in the discussion of the `type` parameter in the the description of the function [H5P_SET_MULTI_TYPE](#).

Use of this function is only appropriate for 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	Function introduced in this release.

--- Last Modified: August 05, 2019 | 09:44 AM