

H5P_GET_FAPL_MULTI

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

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

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

H5P_GET_FAPL_MULTI

Returns information about the multi-file access property list

Procedure:

H5P_GET_FAPL_MULTI (fapl_id, memb_map, memb_fapl, memb_name, memb_addr, relax)

Signature:

```
herr_t H5Pget_fapl_multi(  
    hid_t fapl_id,  
    const H5FD_mem_t *memb_map,  
    const hid_t *memb_fapl,  
    const char **memb_name,  
    const haddr_t *memb_addr,  
    hbool_t *relax  
)
```

Fortran90 Interface: h5pget_fapl_multi_f

```
SUBROUTINE h5pget_fapl_multi_f(prp_id, memb_map, memb_fapl, memb_name,
                             memb_addr, relax, hdferr)
  IMPLICIT NONE
  INTEGER(HID_T), INTENT(IN)   :: prp_id    ! Property list identifier

  INTEGER, DIMENSION(0:H5FD_MEM_NTYPES_F-1), INTENT(OUT) :: memb_map
  INTEGER(HID_T), DIMENSION(0:H5FD_MEM_NTYPES_F-1), INTENT(OUT) :: memb_fapl
  CHARACTER(LEN=*) , DIMENSION(0:H5FD_MEM_NTYPES_F-1), INTENT(OUT) :: memb_name
  REAL, DIMENSION(0:H5FD_MEM_NTYPES_F-1), INTENT(OUT) :: memb_addr
    ! Numbers in the interval [0,1) (e.g. 0.0 0.1 0.5 0.2 0.3 0.4)
    ! real address in the file will be calculated as X*HADDR_MAX

  LOGICAL, INTENT(OUT) :: relax
  INTEGER, INTENT(OUT) :: hdferr          ! Error code
                                         ! 0 on success and -1 on failure
END SUBROUTINE h5pget_fapl_multi_f
```

Parameters:

<i>hid_t</i> fapl_id	IN: File access property list identifier
<i>const H5FD_mem_t</i> *memb_map	OUT: Maps memory usage types to other memory usage types
<i>const hid_t</i> *memb_fapl	OUT: Property list for each memory usage type
<i>const char</i> **memb_name	OUT: Name generator for names of member files
<i>const haddr_t</i> *memb_addr	OUT: The offsets within the virtual address space, from 0 (zero) to HADDR_MAX, at which each type of data storage begins
<i>hbool_t</i> *relax	OUT: Allows read-only access to incomplete file sets when TRUE

Description:

H5P_GET_FAPL_MULTI returns information about the multi-file access property list.

Returns:

Returns a non-negative value if successful. Otherwise returns a negative value.

Example:

Coming Soon!

History:

Release	Change
1.4.0	Function introduced in this release.