H5P_GET_VIRTUAL_VIEW

Expand all Collapse all

- Jump to ...
- Summary
- Description
- Example
- Switch language ...
- C
- C++
- FORTRAN
- JAVA

H5P_GET_VIRTUAL_VIEW

Retrieves the view of a virtual dataset accessed with dapl_id

Procedure:

H5P_GET_VIRTUAL_VIEW (dapl_id, view)

Signature:

```
herr_t H5Pget_virtual_view(
        hid_ dapl_id,
        H5D_vds_view_t *view
        )
```

```
Fortran Interface: h5pget_virtual_view_f

Signature:
  SUBROUTINE h5pget_virtual_view_f(dapl_id, view, hdferr)
    INTEGER(HID_T), INTENT(IN)  :: dapl_id
    INTEGER       , INTENT(INOUT) :: view
    INTEGER       , INTENT(OUT) :: hdferr

Inputs:
  dapl_id - Dataset access property list identifier for the virtual dataset

Outputs:
  view - The flag specifying the view of the virtual dataset.
         Valid values are:
             H5D_VDS_FIRST_MISSING_F
             H5D_VDS_LAST_AVAILABLE_F
  hdferr - Returns 0 if successful and -1 if fails.
```

Parameters:

hid_t dapl_id	IN: Dataset access property list identifier for the virtual dataset
H5D_vds_view_t *view	OUT: The flag specifying the view of the virtual dataset Valid values are: H5D_VDS_FIRST_MISSING H5D_VDS_LAST_AVAILABLE

Description:

H5P_GET_VIRTUAL_VIEW takes the virtual dataset access property list, `dapl_id`, and retrieves the flag, `view`, set by the H5P_SET_VIRTUAL_VIEW call.

See Also:

Virtual Dataset Overview

Supporting Functions:

- H5P_SET_LAYOUT
- H5P_GET_LAYOUT
- H5S_IS_REGULAR_HYPERSLAB
- H5S_GET_REGULAR_HYPERSLAB
- H5S_SELECT_HYPERSLAB

VDS Functions:

- H5P_GET_VIRTUAL_COUNT
- H5P_GET_VIRTUAL_DSETNAME
- H5P_GET_VIRTUAL_FILENAME
- H5P_GET_VIRTUAL_PREFIX
- H5P_GET_VIRTUAL_PRINTF_GAP
- H5P_GET_VIRTUAL_SRCSPACE
- H5P_GET_VIRTUAL_VIEW
- H5P_GET_VIRTUAL_VSPACE
- H5P_SET_VIRTUAL
- H5P_SET_VIRTUAL_PREFIX
- H5P_SET_VIRTUAL_PRINTF_GAP
- H5P_SET_VIRTUAL_VIEW

Returns:

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

Example:

Coming Soon!

History:

Release	Change
1.10.0	C function introduced with this release.

--- Last Modified: August 08, 2019 | 02:51 PM