

# H5P\_GET\_SIZES

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# H5P\_GET\_SIZES

Retrieves the size of the offsets and lengths used in an HDF5 file

## Procedure:

H5P\_GET\_SIZES ( plist, sizeof\_addr, sizeof\_size )

## Signature:

```
herr_t H5Pget_sizes(hid_t plist,  
                  size_t * sizeof_addr,  
                  size_t * sizeof_size  
                  )
```

Fortran90 Interface: h5pget\_sizes\_f

```
SUBROUTINE h5pget_sizes_f(prp_id, sizeof_addr, sizeof_size, hdferr)  
  IMPLICIT NONE  
  INTEGER(HID_T), INTENT(IN) :: prp_id ! Property list identifier  
  INTEGER(SIZE_T), DIMENSION(:), INTENT(OUT) :: sizeof_addr  
                                     ! Size of an object address in bytes  
  INTEGER(SIZE_T), DIMENSION(:), INTENT(OUT) :: sizeof_size  
                                     ! Size of an object in bytes  
  INTEGER, INTENT(OUT) :: hdferr      ! Error code  
                                     ! 0 on success and -1 on failure  
END SUBROUTINE h5pget_sizes_f
```

## Parameters:

<i>hid_tplist</i>	IN: Identifier of property list to query.
<i>size_t *size</i>	OUT: Pointer to location to return offset size in bytes.
<i>size_t *size</i>	OUT: Pointer to location to return length size in bytes.

**Description:**

H5P\_GET\_SIZES retrieves the size of the offsets and lengths used in an HDF5 file. This function is only valid for file creation property lists.

**Returns:**

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

**Example:**

Coming Soon!

**History:**

None

--- Last Modified: May 01, 2019 | 03:18 PM