

# H5P\_GET\_SYM\_K

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# H5P\_GET\_SYM\_K

Retrieves the size of the symbol table B-tree 1/2 rank and the symbol table leaf node 1/2 size

## Procedure:

H5P\_GET\_SYM\_K ( fcpl\_id, ik, lk )

## Signature:

```
herr_t H5Pget_sym_k(  
    hid_t fcpl_id,  
    unsigned * ik,  
    unsigned * lk  
)
```

Fortran90 Interface: h5pget\_sym\_k\_f

```
SUBROUTINE h5pget_sym_k_f(prp_id, ik, lk, hdferr)  
    IMPLICIT NONE  
    INTEGER(HID_T), INTENT(IN) :: prp_id ! Property list identifier  
    INTEGER, INTENT(OUT) :: ik ! Symbol table tree rank  
    INTEGER, INTENT(OUT) :: lk ! Symbol table node size  
    INTEGER, INTENT(OUT) :: hdferr ! Error code  
    ! 0 on success and -1 on failure  
END SUBROUTINE h5pget_sym_k_f
```

## Parameters:

<i>hid_tfcpl_id</i>	IN: File creation property list identifier
<i>unsigned *ik</i>	OUT: Pointer to location to return the symbol table's B-tree 1/2 rank (Default value of B-tree 1/2 rank: 16)
<i>unsigned *lk</i>	OUT: Pointer to location to return the symbol table's leaf node 1/2 size (Default value of leaf node 1/2 size: 4)

**Description:**

H5P\_GET\_SYM\_K retrieves the size of the symbol table B-tree 1/2 rank and the symbol table leaf node 1/2 size.

This function is valid only for file creation property lists.

If a parameter value is set to NULL, that parameter is not retrieved.

See the H5P\_SET\_SYM\_K function description for more information.

**Returns:**

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

**Example:**

Coming Soon!

**History:**

Release	Change
1.6.4	<i>ik</i> parameter type changed to <i>unsigned</i>
1.6.0	The <i>ik</i> parameter has changed from type <i>int</i> to <i>unsigned</i>