

# H5S\_SELECT\_INTERSECT\_BLOCK

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# H5S\_SELECT\_INTERSECT\_BLOCK

Checks if current selection intersects with a block

## Procedure:

H5S\_SELECT\_INTERSECT\_BLOCK ( space\_id, start, end )

## Signature:

```
htri_t H5Sselect_intersect_block ( hid_t space_id, const hsize_t *start, const hsize_t *end )
```

## Parameters:

<code>const H5S_t *space_id</code>	IN: Dataspace to compare
<code>const hsize_t *start</code>	IN: Starting coordinate of block
<code>const hsize_t *end</code>	IN: Opposite ("ending") coordinate of block

## Description:

H5S\_SELECT\_INTERSECT\_BLOCK checks to see if the current selection `space_id` in the dataspace intersects with the block specified by `start` and `end`.

Assumes that `start` & `end` block bounds are **inclusive**, so `start == end` value is OK.

**Returns:**

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

**Example:**

```
test / tselect.c [15242:15244]
```

```
hdf5_1_12 HDFV/hdf5
```

```
case H5S_SEL_ALL: /* "All" selection */  
    VERIFY(nseq, 1, "H5Ssel_iter_get_seq_list");
```

**History:**

Release	Change
1.10.7, 1.12.0	Function introduced in this release.

--- Last Modified: September 15, 2020 | 02:36 PM