

H5S_seloper_t

H5S_seloper_t is defined in H5Spublic.h as follows:

```
typedef enum H5S_seloper_t {
    H5S_SELECT_NOOP      = -1, /* error */
    H5S_SELECT_SET       = 0, /* Select "set" operation */
    H5S_SELECT_OR,      /* Binary "or" operation for hyperslabs
    * (add new selection to existing selection)
    * Original region: AAAAAAAAAA
    * New region:      BBBBBBBBBB
    * A or B:          CCCCCCCCCCCC
    */
    H5S_SELECT_AND,     /* Binary "and" operation for hyperslabs
    * (only leave overlapped regions in selection)
    * Original region: AAAAAAAAAA
    * New region:      BBBBBBBBBB
    * A and B:         CCCC
    */
    H5S_SELECT_XOR,     /* Binary "xor" operation for hyperslabs
    * (only leave non-overlapped regions in selection)
    * Original region: AAAAAAAAAA
    * New region:      BBBBBBBBBB
    * A xor B:         CCCCCC CCCCCC
    */
    H5S_SELECT_NOTB,    /* Binary "not" operation for hyperslabs
    * (only leave non-overlapped regions in original selection)
    * Original region: AAAAAAAAAA
    * New region:      BBBBBBBBBB
    * A not B:         CCCCCC
    */
    H5S_SELECT_NOTA,    /* Binary "not" operation for hyperslabs
    * (only leave non-overlapped regions in new selection)
    * Original region: AAAAAAAAAA
    * New region:      BBBBBBBBBB
    * B not A:         CCCCCC
    */
    H5S_SELECT_APPEND, /* Append elements to end of point selection */
    H5S_SELECT_PREPEND, /* Prepend elements to beginning of point selection */
    H5S_SELECT_INVALID /* Invalid upper bound on selection operations */
} H5S_seloper_t;
```