

H5S_SELECT_PROJECT_INTERSECTION

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H5S_SELECT_PROJECT_INTERSECTION

Projects the intersection of two source selections to a destination selection

Procedure:

H5S_SELECT_PROJECT_INTERSECTION (src_space_id, dst_space_id, src_intersect_space_id)

Signature:

Replace this text with the C function signature

Replace this text with the Fortran function signature

Parameters:

<i>hid_t</i> src_space_id	IN: Selection that is mapped to dst_space_id, and intersected with src_intersect_space_id
<i>hid_t</i> dst_space_id	IN: Selection that is mapped to src_space_id
<i>hid_t</i> src_intersect_space_id	IN: Selection whose intersection with src_space_id is projected to dst_space_id to obtain the result

Description:

H5S_SELECT_PROJECT_INTERSECTION computes the intersection between two dataspace selections and projects that intersection into a third selection. This can be useful for VOL developers to implement chunked or virtual datasets.

Returns:

A dataspace with a selection equal to the intersection of `src_intersect_space_id` and `src_space_id` projected from `src_space` to `dst_space` on success, negative on failure.

Example:

None

History:

Release	Change
1.10.7, 1.12.0	C function introduced in this release.

--- Last Modified: September 15, 2020 | 02:37 PM