NAME

PEXFillAreaSet2D - 2D Set of Fill Areas Primitive

SYNTAX

void PEXFillAreaSet2D(Display **display*, XID *resource_id*, PEXOCRequestType *req_type*, int *shape_hint*, int *ignore_edges*, int *contour_hint*, unsigned int *count*, PEXListOfCoord2D **point_lists*)

PARAMETERS

display	A pointer to a display structure returned by a successful **XOpenDisplay** call.
resource_id	The resource identifier of the renderer or structure.
req_type	The request type for the output command (**PEXOCRender, PEXOCStore, PEXOCRenderSingle** or **PEXOCStoreSingle**).
shape_hint	The shape which describes all of the contours (**PEXShapeComplex, PEXShapeNonConvex, PEXShapeConvex, PEXShapeUnknown**).
ignore_edges	A flag that determines if surface edges are rendered (**True** or **False**).
contour_hint	A flag that indicates whether contours are disjoint or overlapping (**PEXContourDisjoint, PEXContourNested, PEXContourIntersecting, PEXContourUnknown**).
count	The number of fill areas in the set.
point_lists	A pointer to the list of point arrays defining each contour of the fill area set.

RETURNS

None

DESCRIPTION

This function creates a 2D fill area set output primitive.

This function is like **PEXFillAreaSet**(3)**,** except that the vertices consist of only x- and y-components. The z-component is assumed to be zero. This primitive is two-dimensional only in that the z-components are implied. Geometry transformations are still carried out in three dimensions.

DATA STRUCTURES

See **PEXlib.h.**

ERRORS

BadPEXOutputCommand
The output command contains an invalid value.

BadPEXRenderer
The specified renderer resource identifier is invalid.

BadPEXStructure
The specified structure resource identifier is invalid.

SEE ALSO

PEXSetInteriorStyle(3)
PEXSetInteriorStyleIndex(3)
PEXSetSurfaceColorIndex(3)

PEXSetSurfaceColor(3)
PEXSetReflectionAttributes(3)
PEXSetReflectionModel(3)
PEXSetSurfaceInterpMethod(3)
PEXSetBFInteriorStyle(3)
PEXSetBFInteriorStyleIndex(3)
PEXSetBFSurfaceColorIndex(3)
PEXSetBFSurfaceColor(3)
PEXSetBFReflectionAttributes(3)
PEXSetBFReflectionModel(3)
PEXSetBFSurfaceInterpMethod(3)
PEXSetFacetCullingMode(3)
PEXSetFacetDistinguishFlag(3)
PEXSetPatternSize(3)
PEXSetPatternAttributes(3)
PEXSetPatternAttributes2D(3)
PEXSetInteriorBundleIndex(3)
PEXSetSurfaceEdgeFlag(3)
PEXSetSurfaceEdgeType(3)
PEXSetSurfaceEdgeWidth(3)
PEXSetSurfaceEdgeColor(3)
PEXSetSurfaceEdgeColorIndex(3)
PEXSetEdgeBundleIndex(3)