NAME

PEXGDP2D - 2D Generalized Drawing Primitive

SYNTAX

void PEXGDP2D(Display **display*, XID *resource_id*, PEXOCRequestType *req_type*, long *gdp_id*, unsigned int *count*, PEXCoord2D **points*, unsigned long *length*, char **data*)

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**).
gdp_id	The identifier of the GDP.
count	The number of points.
points	The points used by the GDP.
length	The length, in bytes, of the data.
data	Additional data used by the GDP.

RETURNS

None

DESCRIPTION

This function creates a 2D generalized drawing primitive.

The complete interface and behavior for each GDP identifier should be available with the individual PEX server implementations. There are no standard PEX GDPs. If the specified GDP identifier is not supported, then the output command is ignored. The table below lists the supported GDP identifier.

GDP Identifier Description

GDP Identifier	Description
PEXSunGDP2DIdCircle	Circle
PEXSunGDP2DIdCircArc	Circular arc
PEXSunGDP2DIdCircArcClose	Circular arc close
PEXSunGDP2DIdAnnotCircle	Annotation circle
PEXSunGDP2DIdAnnotCircArc	Annotation circle arc
PEXSunGDP2DIdAnnotCircArcClose	Annotation circle arc close
PEXSunGDP2DIdEllipse	Ellipse
PEXSunGDP2DIdEllpArc	Elliptical arc
PEXSunGDP2DIdEllpArcClose	Elliptical arc close
PEXSunGDP2DIdAnnotEllipse	Annotation ellipse
PEXSunGDP2DIdAnnotEllpArc	Annotation elliptical arc
PEXSunGDP2DIdAnnotEllpArcClose	Annotation elliptical arc close
PEXSunGDP2DIdRectGrid	Rectangular grid
PEXSunGDP2DIdRadialGrid	Radial grid

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.