NAME

PEXGSE - Generalized Structure Element

SYNTAX

void PEXGSE(Display **display*, XID *resource_id*, PEXOCRequestType *req_type*, long *id*,
int *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**).

id The identifier of the GSE.

length The length, in bytes, of the GSE data.

data A pointer to the GSE data.

RETURNS

None

DESCRIPTION

This function creates a generalized structure element.

The complete interface and behavior for each GSE identifier should be available with the individual PEX server implementations. If the specified GSE identifier is not supported, then the output command is ignored. The table below lists the supported GSE identifiers.

GSE Identifier	Description
PEXSunGSEIdSetHighlightColor	Set highlighting color
PEXSunGSEIdSetTextSlantAngle	Set text slant angle
PEXSunGSEIdSetAnnotTextSlantAngle	Set annotation text slant angle
PEXSunGSEIdSetStrokeAAliasParams	Set stroke anti-aliasing parameters
PEXSunGSEIdSetEndcap	Set stroke end cap
PEXSunGSEIdSetStrokeJoin	Set stroke join
PEXSunGSEIdSetSilhouetteEdgeFlag	Set silhouette edge flag
PEXSunGSEIdSetSurfTranspCoef	Set surface transparency coefficient
ESGseSphereRadius	Set sphere radius
ESGseSphereDivisions	Set sphere precision
ESGseCylinderRadius	Set cylinder radius
ESGseCylinderDivisions	Set cylinder precision

ERRORS

BadPEXRenderer
The specified renderer resource identifier is invalid.

BadPEXStructure
The specified structure resource identifier is invalid.