NAME

PEXGetPredefinedEntries - Get Lookup Table Predefined Indices

SYNTAX

Status PEXGetPredefinedEntries(Display **display*, Drawable *drawable*, int *table_type*, unsigned int *start*, unsigned int *count*, PEXPointer **entries_return*)

PARAMETERS

display	A pointer to a display structure returned by a successful **XOpenDisplay** call.
drawable	The resource identifier of a drawable.
table_type	The type of lookup table (see the Description).
start	The index of the first predefined entry to be returned.
count	The number of predefined entries requested.
entries_return	Returns an array of predefined table entries.

RETURNS

Zero if unsuccessful, non-zero otherwise.

DESCRIPTION

This function returns the predefined entries for the specified lookup table. The type must be one of the following:

PEXLUTColor
PEXLUTColorApprox
PEXLUTDepthCue
PEXLUTEdgeBundle
PEXLUTInteriorBundle
PEXLUTLight
PEXLUTLineBundle
PEXLUTMarkerBundle
PEXLUTPattern
PEXLUTTextBundle
PEXLUTTextFont
PEXLUTView

Predefined entries are those automatically filled with valid data when a lookup table is created. The query is conducted based on the assumption that the lookup table would be used on drawables with the same root and depth as the specified drawable. The function returns at most the specified number of entries, starting with the specified entry index. The number of entries requested can not be larger than the number of predefined entries. Call **PEXGetTableInfo**(3) to determine the number of predefined entries.

Entries in the returned list depend on the type specified. See **PEXSetTableEntries**(3) for the structure types.

PEXlib allocates the memory for the returned table entries. **PEXFreeTableEntries**(3) should be called to deallocate the memory.

DATA STRUCTURES

```
#if NeedFunctionPrototypes
typedef void      *PEXPointer;
#else
typedef char      *PEXPointer;
#endif
```

ERRORS

BadDrawable
The specified drawable resource identifier is invalid.

BadMatch
The specified drawable is unsupported.

BadValue
The specified table type is invalid or unsupported, start is less than the minimum predefined entry, the sum of start and count is greater than the maximum predefined entry, or index 0 is not valid for the specified table type.

BadPEXLookupTable
The specified table type is unsupported.

SEE ALSO

PEXCreateLookupTable(3)
PEXGetTableInfo(3)
PEXGetDefinedIndices(3)
PEXGetTableEntry(3)
PEXGetTableEntries(3)
PEXSetTableEntries(3)