NAME

PEXGetTableInfo - Get Lookup Table Information

SYNTAX

Status PEXGetTableInfo(Display **display*, Drawable *drawable*, int *table_type*, PEXTableInfo **info_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).
info_return	Returns the lookup table information.

RETURNS

Zero if unsuccessful, non-zero otherwise.

DESCRIPTION

This function returns information about the specified type of lookup table. The type of lookup table must be one of the following:

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

The returned information is based on the assumption that the lookup table would be used on drawables with the same root and depth as the specified drawable. The returned information includes the number of predefined table entries, the number of definable table entries, and the indices of the predefined minimum and maximum entries. Predefined entries are contiguous. The number of definable table entries includes the number of predefined entries since predefined table entries can be redefined by the application. All entries between the predefined minimum and maximum values are guaranteed to be defined initially (i.e. predefined entries have contiguous indices).

DATA STRUCTURES

```
typedef struct {
        unsigned short        definable_entries;
        unsigned short        predefined_count;
        unsigned short        predefined_min;
        unsigned short        predefined_max;
} PEXTableInfo;
```

ERRORS

BadDrawable
The specified drawable resource identifier is invalid.

BadMatch
The specified drawable is unsupported.

BadPEXLookupTable
The specified table type is unsupported.

BadValue
The specified table type is invalid.

SEE ALSO

PEXCreateLookupTable(3)