NAME

PEXGetTableEntries - Get Lookup Table Entries

SYNTAX

Status PEXGetTableEntries(Display **display*, PEXLookupTable *table*, unsigned int *start*, unsigned int *count*, int *value_type*, int **table_type_return*, PEXPointer **entries_return*)

PARAMETERS

display	A pointer to a display structure returned by a successful **XOpenDisplay** call.
table	The resource identifier of the lookup table from which the table entries are to be obtained.
start	The index of the first lookup table entry to be returned.
count	The number of entries requested.
value_type	The type of values to return (**PEXSetValue** or **PEXRealizedValue**).
table_type_return	Returns the type of table.
entries_return	Returns an array of table entries.

RETURNS

Zero if unsuccessful, non-zero otherwise.

DESCRIPTION

This function returns the values associated with a range of contiguous table indices, starting at the specified entry index. If a table entry in the requested range is not defined, the default entry for a table of this type is returned.

The type of entries in the returned list depend on the returned table type. See **PEXSetTableEntries**(3) for the structure types.

If the requested value type is **PEXSetValue,** the values returned will be those originally set in the table entry. If the requested value type is **PEXRealizedValue,** the values returned will be those actually used during rendering (i.e. the values used if the specified entry value can not be exactly matched).

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

DATA STRUCTURES

```
typedef  XID     PEXLookupTable;

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

ERRORS

BadPEXLookupTable
The specified lookup table resource identifier is invalid, or the table type is unsupported.

BadValue
The sum of start and count is too large, or index 0 is invalid for the specified table type.

SEE ALSO

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