NAME

PEXGetWorkstationViewRep - Get Workstation View Representation

SYNTAX

Status PEXGetWorkstationViewRep(Display **display*, PEXWorkstation *workstation*, unsigned int *index*, int **update_return*, PEXViewRep **req_view_return*, PEXViewRep **cur_view_return*)

PARAMETERS

display	A pointer to a display structure returned by a successful **XOpenDisplay** call.
workstation	The resource identifier of the workstation.
index	The view table index.
update_return	Returns the update status of the view table index.
req_view_return	Returns the requested value of the view table index.
cur_view_return	Returns the current value of the view table index.

RETURNS

Zero if unsuccessful, non-zero otherwise.

DESCRIPTION

The function returns the update state, and the requested and current values for the specified view index of the specified workstation. The update will be **PEXPending** if a view change has been requested but not established; otherwise it will be **PEXNotPending** **.** If the specified view index is not defined, an error will be generated and the contents of the reply parameters will be undefined.

DATA STRUCTURES

```
typedef  XID      PEXWorkstation;

typedef struct {
        PEXTableIndex          index;
        unsigned short         reserved;
        PEXViewEntry           view;
} PEXViewRep;

typedef  unsigned short PEXTableIndex;

typedef struct {
        unsigned short         clip_flags;
        unsigned short         reserved;
        PEXNPCSubVolume        clip_limits;
        PEXMatrix              orientation;
        PEXMatrix              mapping;
} PEXViewEntry;

typedef struct {
        PEXCoord       min;
        PEXCoord       max;
} PEXNPCSubVolume;
```

```
typedef struct {
        float    x;
        float    y;
        float    z;
} PEXCoord;

typedef  float    PEXMatrix[4][4];
```

ERRORS

BadPEXWorkstation
The specified *workstation* resource identifier is invalid.

BadValue
The specified view table entry is not defined.

SEE ALSO

PEXSetWorkstationViewRep(3)