NAME

PEXChangeSearchContext – Change Search Context

SYNTAX

void PEXChangeSearchContext(Display **display*, PEXSearchContext *context*, unsigned long *value_mask*, PEXSCAttributes **values*)

PARAMETERS

display A pointer to a display structure returned by a successful **XOpenDisplay** call.

context The resource identifier of the search context.

value_mask A mask indicating the search context attributes to be changed.

values A pointer to new values for the specified search context attributes.

RETURNS

None

DESCRIPTION

This function modifies the attributes of the specified search *context* resource. The value mask indicates which *values* are specified. The value mask is constructed by OR'ing together the following constants:

PEXSCPosition
PEXSCDistance
PEXSCCeiling
PEXSCModelClipFlag
PEXSCStartPath
PEXSCNormalList
PEXSCInvertedList

DATA STRUCTURES

```
typedef  XID      PEXSearchContext;

typedef struct {
        PEXCoord                 position;
        float                    distance;
        unsigned short           ceiling;
        Bool                     model_clip_flag;
        PEXStructurePath         start_path;
        PEXListOfNameSetPair     normal;
        PEXListOfNameSetPair     inverted;
} PEXSCAttributes;

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

```
typedef struct {
        unsigned long       count;          /* number of elements */
        PEXElementRef       *elements;
} PEXStructurePath;

typedef struct {
        PEXStructure        structure;
        unsigned long       offset;
} PEXElementRef;

typedef  XID     PEXStructure;

typedef struct {
        unsigned short      count;          /* number of pairs */
        PEXNameSetPair      *pairs;
} PEXListOfNameSetPair;

typedef struct {
        PEXNameSet    inclusion;
        PEXNameSet    exclusion;
} PEXNameSetPair;

typedef  XID     PEXNameSet;
```

ERRORS

BadPEXNameSet
The specified name set resource identifier is invalid.

BadPEXPath
The specified path is invalid.

BadPEXSearchContext
The specified search context resource identifier is invalid.

BadValue
A specified value is out of range, or an invalid bit is set in the value mask.

SEE ALSO

PEXCreateSearchContext(3)
PEXGetSearchContext(3)