NAME

PEXListFontsWithInfo - List PEX Fonts With Information

SYNTAX

char **PEXListFontsWithInfo(Display **display*, char **pattern*, unsigned int *max_names*,
unsigned long **count_return*, PEXFontInfo ***info_return*)

PARAMETERS

display	A pointer to a display structure returned by a successful **XOpenDisplay** call.
pattern	A null-terminated string pattern.
max_names	The maximum number of names to be returned.
count_return	Returns the actual number of font names.
font_info	Returns an array of font info structures (one for each name).

RETURNS

An array of font names (null-terminated strings); a null pointer if unsuccessful or if no PEX fonts supported.

DESCRIPTION

This function is like X11 **XListFontsWithInfo** except that only information about fonts that can support the full range of PEX text attributes is returned (i.e. those fonts that are "PEX usable"). This list may or may not contain some of the same fonts returned the X11 **XListFontsWithInfo** function. This function returns a list of entries, each of which contains information about a font matching the pattern. The pattern is a string that uses the ISO Latin-1 encoding and case is not significant in matching names. The '?' character (octal value 077) matches any single character, and the character '*' (octal value 052) matches any number of characters. The returned names are null-terminated, in lower case and are also ISO Latin-1 encoded strings.

The information returned for each font is identical to what **PEXQueryFont**(3) would return.

PEXlib allocates memory for the returned list of font names and font info. **PEXFreeFontNames**(3) should be called to deallocate the memory for the font names. **PEXFreeFontInfo**(3) should be called to deallocate the memory for the font information.

DATA STRUCTURES

```
typedef struct {
        unsigned long       first_glyph;
        unsigned long       last_glyph;
        unsigned long       default_glyph;
        Bool                all_exist;
        Bool                stroke;
        unsigned short      count;          /* number of properties */
        PEXFontProp         *props;
} PEXFontInfo;

typedef struct {
        Atom                name;
        unsigned long       value;
```

} PEXFontProp;

ERRORS

None

SEE ALSO

PEXListFonts(3)
PEXQueryFont(3)
PEXFreeFontNames(3)
PEXFreeFontInfo(3)