

**NAME**

XSetFontPath, XGetFontPath, XFreeFontPath - set, get, or free the font search path

**SYNTAX**

```
int XSetFontPath(Display *display, char **directories, int ndirs);
```

```
char **XGetFontPath(Display *display, int *npaths_return);
```

```
int XFreeFontPath(char **list);
```

**ARGUMENTS**

*directories* Specifies the directory path used to look for a font. Setting the path to the empty list restores the default path defined for the X server.

*display* Specifies the connection to the X server.

*list* Specifies the array of strings you want to free.

*ndirs* Specifies the number of directories in the path.

*npaths\_return* Returns the number of strings in the font path array.

**DESCRIPTION**

The **XSetFontPath** function defines the directory search path for font lookup. There is only one search path per X server, not one per client. The encoding and interpretation of the strings are implementation-dependent, but typically they specify directories or font servers to be searched in the order listed. An X server is permitted to cache font information internally; for example, it might cache an entire font from a file and not check on subsequent opens of that font to see if the underlying font file has changed. However, when the font path is changed, the X server is guaranteed to flush all cached information about fonts for which there currently are no explicit resource IDs allocated. The meaning of an error from this request is implementation-dependent.

**XSetFontPath** can generate a **BadValue** error.

The **XGetFontPath** function allocates and returns an array of strings containing the search path. The contents of these strings are implementation-dependent and are not intended to be interpreted by client applications. When it is no longer needed, the data in the font path should be freed by using **XFreeFontPath**.

The **XFreeFontPath** function frees the data allocated by **XGetFontPath**.

**DIAGNOSTICS****BadValue**

Some numeric value falls outside the range of values accepted by the request. Unless a specific range is specified for an argument, the full range defined by the argument's type is accepted. Any argument defined as a set of alternatives can generate this error.

**SEE ALSO**

XListFont(3), XLoadFonts(3)

*Xlib - C Language X Interface*