NAME

update−fonts−dir − compile fonts.dir files

SYNOPSIS

update−fonts−dir [*OPTION*] *directory ...*

DESCRIPTION

update−fonts−dir creates a *fonts.dir* file in an X font directory by invoking **mkfontdir**(1x) with the appropriate arguments. It is typically invoked only from the post−installation and post−removal scripts of a *package* containing fonts for the X Window System, but may be invoked at any time to reconstruct *fonts.dir* files. For each *directory*, which is simply the last component of its path (such as '75dpi' or 'misc'), **update−fonts−dir** will generate either */usr/lib/X11/fonts/* directory*/fonts.dir* or */usr/share/fonts/X11/* directory*/fonts.dir* from the *fonts.scale* and font files found within it.

This enables multiple packages to provide names for fonts in the same directory. No font package actually provides the *fonts.dir* file in the X font directory itself, so there is no danger of overwriting one package's font names with those of another.

For instance, the two packages 'xfonts−base' (real) and 'xfonts−nifty' (hypothetical) may both install fonts into the directory */usr/lib/X11/fonts/misc*, and **update−fonts−dir** will ensure that the *fonts.dir* file in that directory contains information about the font files provided by both packages.

The format of *fonts.dir* files is described in the **mkfontdir**(1x) manual page.

An example of how to use **update−fonts−dir** in package maintainer scripts is provided in the Debian Policy Manual.

OPTIONS

−h, **−−help** displays a brief usage message and exits.

−7, **−−x11r7−layout** switches the font layout to the one introduced in X11R7: fonts in */usr/share/fonts/X11/* directory (default is: fonts in */usr/lib/X11/fonts/* directory)

OPERANDS

update−fonts−dir takes one or more X font directory names to operate on as operands. Only the final path component of the directory name should be specified; e.g.,

update−fonts−dir 75dpi

is correct, while '**update−fonts−dir /usr/X11R6/lib/X11/fonts/75dpi**' and '**update−fonts−dir /usr/lib/X11/fonts/75dpi**' are not.

ENVIRONMENT

COLUMNS

indicates the width of the terminal device in character cells. This value is used for formatting diagnostic messages. If not set, the terminal is queried using **stty**(1) to determine its width. If that fails, a value of '80' is assumed.

DIAGNOSTICS

Errors

usage error: one or more font directories must be provided

update−fonts−dir was invoked without operands. Supply one or more X font directory names to operate on.

usage error: unrecognized option

update−fonts−dir was invoked with an unrecognized option argument. Use only the options documented in "OPTIONS", above.

fatal error: path to X font directory must be used

A directory name was supplied that was not an X font directory name. Supply X font directory names only.

Warnings

warning: absolute path *directory* **was provided**

> Usage of absolute paths is deprecated. Use only the final component of the X font directory name for *directory*.

warning: *directory* **does not exist or is not a directory**

> The supplied *directory* was invalid. **update−fonts−dir** skipped it.

EXIT STATUS

0   **update-fonts−dir** ran successfully.

1   **update-fonts−dir** experienced a fatal error; see the section on diagnostic messages above.

2   **update-fonts−dir** was invoked with invalid arguments.

BUGS

See the Debian Bug Tracking System ⟨`https://bugs.debian.org/xfonts-utils`⟩. If you wish to report a bug in **update−fonts−dir**, please see */usr/share/doc/debian/bug−reporting.txt* or the **report-bug**(1) command.

AUTHOR

update−fonts−dir was written by Branden Robinson.

SEE ALSO

mkfontdir(1x)