NAME

xfd – display all the characters in an X font

SYNOPSIS

xfd [*-toolkitoptions...*] [**-fn** *fontname*] [**-box**] [**-center**] [**-start** *number*] [**-bc** *color*]

DESCRIPTION

The **xfd** utility creates a window containing the name of the font being displayed, a row of command buttons, several lines of text for displaying character metrics, and a grid containing one glyph per cell. The characters are shown in increasing order from left to right, top to bottom. The first character displayed at the top left will be character number 0 unless the **-start** option has been supplied in which case the character with the number given in the **-start** option will be used.

The characters are displayed in a grid of boxes, each large enough to hold any single character in the font. Each character glyph is drawn using the PolyText16 request (used by the **Xlib** routine **XDrawString16**). If the **-box** option is given, a rectangle will be drawn around each character, showing where an ImageText16 request (used by the **Xlib** routine **XDrawImageString16**) would cause background color to be displayed.

The origin of each glyph is normally set so that the character is drawn in the upper left hand corner of the grid cell. However, if a glyph has a negative left bearing or an unusually large ascent, descent, or right bearing (as is the case with *cursor* font), some character may not appear in their own grid cells. The **-center** option may be used to force all glyphs to be centered in their respective cells.

All the characters in the font may not fit in the window at once. To see the next page of glyphs, press the *Next* button at the top of the window. To see the previous page, press *Prev*. To exit **xfd**, press *Quit*.

Individual character metrics (index, width, bearings, ascent and descent) can be displayed at the top of the window by pressing on the desired character.

The font name displayed at the top of the window is the full name of the font, as determined by the server. See **xlsfonts**(1) for ways to generate lists of fonts, as well as more detailed summaries of their metrics and properties.

OPTIONS

xfd accepts all of the standard toolkit command line options along with the additional options listed below:

-fn *font* This option specifies the font to be displayed.

-box This option indicates that a box should be displayed outlining the area that would be filled with background color by an ImageText request.

-center This option indicates that each glyph should be centered in its grid.

-start *number*
This option specifies the glyph index of the upper left hand corner of the grid. This is used to view characters at arbitrary locations in the font. The default is 0.

-bc *color* This option specifies the color to be used if ImageText boxes are drawn.

SEE ALSO

X11(7), **xlsfonts**(1), **xrdb**(1), **xfontsel**(1)

BUGS

The program should skip over pages full of non-existent characters.

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