Rocky Enterprise Linux 9.2 Manual Pages on command 'xfd.1'

$ man xfd.1

XFD(1)   General Commands Manual   XFD(1)

NAME

   xfd - display all the characters in an X font

SYNOPSIS

   xfd [-options ...] -fn fontname

   xfd [-options ...] -fa fontname

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 con?

   taining 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) or the XftDrawString32 routine, depending on whether

   the -fn or -fa option was given. 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 un?

   usually 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 clicking on the desired character.

The font name displayed at the top of the window is the full name of the font, as deter? mined by the server.   See xlsfonts and fc-list 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 op? tions listed below:

-fn font

This option specifies the core X server side font to be displayed. This can also be set with the FontGrid font resource. A font must be specified.

-fa font

This option specifies a Xft font to be displayed. This can also be set with the FontGrid face resource. A font pattern must be specified.

-box   This option indicates that a box should be displayed outlining the area that would be filled with background color by an ImageText request. This can also be set with the FontGrid boxChars resource. The default is False.

-center This option indicates that each glyph should be centered in its grid. This can also be set with the FontGrid centerChars resource. The default is False.

-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. This can also be set with the FontGrid startChar resource. The default is 0.

-bc color

This option specifies the color to be used if ImageText boxes are drawn. This can also be set with the FontGrid boxColor resource.

-rows numrows

This option specifies the number of rows in the grid. This can also be set with the FontGrid cellRows resource.

-columns numcols

> This option specifies the number of columns in the grid. This can also be set with the FontGrid cellColumns resource.

WIDGETS

In order to specify resources, it is useful to know the widgets which compose xfd. In the notation below, indentation indicates hierarchical structure. The widget class name is given first, followed by the widget instance name. The application class name is Xfd.

Xfd xfd

    Paned pane

        Label fontname

        Box box

            Command quit

            Command prev

            Command next

        Label select

        Label metrics

        Label range

        Label start

        Form form

            FontGrid grid

FONTGRID RESOURCES

The FontGrid widget is an application-specific widget, and a subclass of the Simple widget in the Athena widget set. The effects and instance names of this widget's resources are given in the OPTIONS section. Capitalize the first letter of the resource instance name to get the corresponding class name.

APPLICATION SPECIFIC RESOURCES

The instance names of the application specific resources are given below. Capitalize the first letter of the resource instance name to get the corresponding class name. These re? sources are unlikely to be interesting unless you are localizing xfd for a different lan? guage.

selectFormat

> Specifies a printf-style format string used to display information about the se? lected character. The default is "character 0x%02x%02x (%u,%u) (%#o,%#o)". The

arguments that will come after the format string are char.byte1, char.byte2, char.byte1, char.byte2, char.byte1, char.byte2. char.byte1 is byte 1 of the se‐ lected character. char.byte2 is byte 2 of the selected character.

metricsFormat

Specifies a printf-style format string used to display character metrics. The de‐ fault is "width %d; left %d, right %d; ascent %d, descent %d (font %d, %d)". The arguments that will come after the format string are the character metrics width, lbearing, rbearing, character ascent, character descent, font ascent, and font de‐ scent.

rangeFormat

Specifies a printf-style format string used to display the range of characters currently being displayed. The default is "range: 0x%02x%02x (%u,%u) thru 0x%02x%02x (%u,%u)". The arguments that will come after the format string are the following fields from the XFontStruct that is returned from opening the font: min_byte1, min_char_or_byte2, min_byte1, min_char_or_byte2, max_byte1, max_char_or_byte2, max_byte1, max_char_or_byte2.

startFormat

Specifies a printf-style format string used to display information about the char‐ acter at the upper left corner of the font grid. The default is "upper left: 0x%04x (%d,%d)". The arguments that will come after the format string are the new character, the high byte of the new character, and the low byte of the new charac‐ ter.

nocharFormat

Specifies a printf-style format string to display when the selected character does not exist. The default is "no such character 0x%02x%02x (%u,%u) (%#o,%#o)". The arguments that will come after the format string are the same as for the select‐ Format resource.

SEE ALSO

X(7), xlsfonts(1), xrdb(1), xfontsel(1), fc-list(1), fonts.conf(5), X Logical Font De‐ scription Conventions

BUGS

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

AUTHOR

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