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

$ man xfontsel.1

XFONTSEL(1)   General Commands Manual   XFONTSEL(1)

NAME

   xfontsel - point and click selection of X11 font names

SYNTAX

   xfontsel [-toolkitoption ...]   [-pattern fontname] [-print] [-sample text] [-sample16

   text16] [-sampleUCS textUCS] [-scaled]

DESCRIPTION

   The xfontsel application provides a simple way to display the fonts known to your X

   server, examine samples of each, and retrieve the X Logical Font Description ("XLFD") full

   name for a font.

   If -pattern is not specified, all fonts with XLFD 14-part names will be selectable.   To

   work with only a subset of the fonts, specify -pattern followed by a partially or fully

   qualified font name; e.g., ``-pattern *medium*'' will select that subset of fonts which

   contain the string ``medium'' somewhere in their font name. Be careful about escaping

   wildcard characters in your shell.

   If -print is specified on the command line the selected font specifier will be written to

   standard output when the quit button is activated. Regardless of whether or not -print

   was specified, the font specifier may be made the PRIMARY (text) selection by activating

   the select button.

   The -sample option specifies the sample text to be used to display the selected font if

   the font is linearly indexed, overriding the default.

   The -sample16 option specifies the sample text to be used to display the selected font if

   the font is matrix encoded, overriding the default.

The -sampleUCS option specifies the sample text encoded in the UTF-8 form to be used to display the selected font if the font has a CHARSET_REGISTRY of ISO10646, overriding the default.

The -scaled option enables the ability to select scaled fonts at arbitrary pixel or point sizes.

INTERACTIONS

Clicking any pointer button in one of the XLFD field names will pop up a menu of the cur‐ rently-known possibilities for that field. If previous choices of other fields were made, only values for fonts which matched the previously selected fields will be selectable; to make other values selectable, you must deselect some other field(s) by choosing the ``*'' entry in that field. Unselectable values may be omitted from the menu entirely as a con‐ figuration option; see the ShowUnselectable resource, below. Whenever any change is made to a field value, xfontsel will assert ownership of the PRIMARY_FONT selection. Other ap‐ plications (see, e.g., xterm) may then retrieve the selected font specification.

Scalable fonts come back from the server with zero for the pixel size, point size, and av‐ erage width fields. Selecting a font name with a zero in these positions results in an implementation-dependent size. Any pixel or point size can be selected to scale the font to a particular size. Any average width can be selected to anamorphically scale the font (although you may find this challenging given the size of the average width menu).

Clicking the left pointer button in the select widget will cause the currently selected font name to become the PRIMARY text selection as well as the PRIMARY_FONT selection. This then allows you to paste the string into other applications. The select button re‐ mains highlighted to remind you of this fact, and de-highlights when some other applica‐ tion takes the PRIMARY selection away. The select widget is a toggle; pressing it when it is highlighted will cause xfontsel to release the selection ownership and de-highlight the widget.   Activating the select widget twice is the only way to cause xfontsel to release the PRIMARY_FONT selection.

RESOURCES

The application class is XFontSel. Most of the user-interface is configured in the app- defaults file; if this file is missing a warning message will be printed to standard out‐ put and the resulting window will be nearly incomprehensible.

Most of the significant parts of the widget hierarchy are documented in /etc/X11/app-de‐ faults/XFontSel,

Application specific resources:

cursor (class Cursor)

Specifies the cursor for the application window.

pattern (class Pattern)

Specifies the font name pattern for selecting a subset of available fonts. Equiv?
alent to the -pattern option. Most useful patterns will contain at least one
field delimiter; e.g. ``*-m-*'' for monospaced fonts.

pixelSizeList (class PixelSizeList)

Specifies a list of pixel sizes to add to the pixel size menu, so that scalable
fonts can be selected at those pixel sizes. The default pixelSizeList contains 7,
30, 40, 50, and 60.

pointSizeList (class PointSizeList)

Specifies a list of point sizes (in units of tenths of points) to add to the point
size menu, so that scalable fonts can be selected at those point sizes.   The de?
fault pointSizeList contains 250, 300, 350, and 400.

printOnQuit (class PrintOnQuit)

If True the currently selected font name is printed to standard output when the
quit button is activated. Equivalent to the -print option.

sampleText (class Text)

The sample 1-byte text to use for linearly indexed fonts. Each glyph index is a
single byte, with newline separating lines.

sampleText16 (class Text16)

The sample 2-byte text to use for matrix-encoded fonts. Each glyph index is two
bytes, with a 1-byte newline separating lines.

scaledFonts (class ScaledFonts)

If True then selection of arbitrary pixel and point sizes for scalable fonts is
enabled.

Widget specific resources:

showUnselectable (class ShowUnselectable)

Specifies, for each field menu, whether or not to show values that are not cur?
rently selectable, based upon previous field selections. If shown, the unse?
lectable values are clearly identified as such and do not highlight when the
pointer is moved down the menu. The full name of this resource is fieldN.menu.op?

tions.showUnselectable,   class   MenuButton.SimpleMenu.Options.ShowUnselectable;

where N is replaced with the field number (starting with the left-most field num?

bered 0).   The default is True for all but field 11 (average width of characters

in font) and False for field 11. If you never want to see unselectable entries,

'*menu.options.showUnselectable:False' is a reasonable thing to specify in a re?

source file.

FILES

 $XFILESEARCHPATH/XFontSel

SEE ALSO

xrdb(1), xfd(1)

BUGS

Sufficiently ambiguous patterns can be misinterpreted and lead to an initial selection

string which may not correspond to what the user intended and which may cause the initial

sample text output to fail to match the proffered string. Selecting any new field value

will correct the sample output, though possibly resulting in no matching font.

Should be able to return a FONT for the PRIMARY selection, not just a STRING.

Any change in a field value will cause xfontsel to assert ownership of the PRIMARY_FONT

selection. Perhaps this should be parameterized.

When running on a slow machine, it is possible for the user to request a field menu before

the font names have been completely parsed. An error message indicating a missing menu is

printed to stderr but otherwise nothing bad (or good) happens.

The average-width menu is too large to be useful.

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Mark Leisher <mleisher@crl.nmsu.edu> added the support for the UTF-8 sample text.

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