

NAME

xcb_list_fonts_with_info - get matching font names and information

SYNOPSIS

```
#include <xcb/xproto.h>
```

Request function

```
xcb_list_fonts_with_info_cookie_t xcb_list_fonts_with_info(xcb_connection_t *conn,
    uint16_t max_names, uint16_t pattern_len, const char *pattern);
```

Reply datastructure

```
typedef struct xcb_list_fonts_with_info_reply_t {
    uint8_t    response_type;
    uint8_t    name_len;
    uint16_t   sequence;
    uint32_t   length;
    xcb_charinfo_t min_bounds;
    uint8_t    pad0[4];
    xcb_charinfo_t max_bounds;
    uint8_t    pad1[4];
    uint16_t   min_char_or_byte2;
    uint16_t   max_char_or_byte2;
    uint16_t   default_char;
    uint16_t   properties_len;
    uint8_t    draw_direction;
    uint8_t    min_byte1;
    uint8_t    max_byte1;
    uint8_t    all_chars_exist;
    int16_t    font_ascent;
    int16_t    font_descent;
    uint32_t   replies_hint;
} xcb_list_fonts_with_info_reply_t;
```

Reply function

```
xcb_list_fonts_with_info_reply_t *xcb_list_fonts_with_info_reply(xcb_connection_t *conn,
    xcb_list_fonts_with_info_cookie_t cookie, xcb_generic_error_t **e);
```

Reply accessors

```
xcb_fontprop_t *xcb_list_fonts_with_info_properties(const xcb_list_fonts_with_info_request_t
```

```

    *reply);

int xcb_list_fonts_with_info_properties_length(const xcb_list_fonts_with_info_reply_t *reply);

xcb_fontprop_iterator_t xcb_list_fonts_with_info_properties_iterator(const
    xcb_list_fonts_with_info_reply_t *reply);

char *xcb_list_fonts_with_info_name(const xcb_list_fonts_with_info_request_t *reply);

int xcb_list_fonts_with_info_name_length(const xcb_list_fonts_with_info_reply_t *reply);

xcb_generic_iterator_t xcb_list_fonts_with_info_name_end(const xcb_list_fonts_with_info_reply_t
    *reply);

```

REQUEST ARGUMENTS

conn The XCB connection to X11.

max_names The maximum number of fonts to be returned.

pattern_len The length (in bytes) of *pattern*.

pattern A font pattern, for example "-misc-fixed-*".

The asterisk (*) is a wildcard for any number of characters. The question mark (?) is a wildcard for a single character. Use of uppercase or lowercase does not matter.

REPLY FIELDS

response_type The type of this reply, in this case *XCB_LIST_FONTS_WITH_INFO*. This field is also present in the *xcb_generic_reply_t* and can be used to tell replies apart from each other.

sequence The sequence number of the last request processed by the X11 server.

length The length of the reply, in words (a word is 4 bytes).

name_len The number of matched font names.

min_bounds minimum bounds over all existing char

max_bounds maximum bounds over all existing char

min_char_or_byte2

first character

max_char_or_byte2

last character

default_char char to print for undefined character

properties_len how many properties there are

draw_direction One of the following values:

XCB_FONT_DRAW_LEFT_TO_RIGHT

TODO: NOT YET DOCUMENTED.

XCB_FONT_DRAW_RIGHT_TO_LEFT

TODO: NOT YET DOCUMENTED.

min_byte1 TODO: NOT YET DOCUMENTED.

max_byte1 TODO: NOT YET DOCUMENTED.

all_chars_exist flag if all characters have nonzero size

font_ascent baseline to top edge of raster

font_descent baseline to bottom edge of raster

replies_hint An indication of how many more fonts will be returned. This is only a hint and may be larger or smaller than the number of fonts actually returned. A zero value does not guarantee that no more fonts will be returned.

DESCRIPTION

Gets a list of available font names which match the given *pattern*.

RETURN VALUE

Returns an *xcb_list_fonts_with_info_cookie_t*. Errors have to be handled when calling the reply function *xcb_list_fonts_with_info_reply*.

If you want to handle errors in the event loop instead, use *xcb_list_fonts_with_info_unchecked*. See **xcb-requests(3)** for details.

ERRORS

This request does never generate any errors.

SEE ALSO

xcb-requests(3)

AUTHOR

Generated from xproto.xml. Contact xcb@lists.freedesktop.org for corrections and improvements.