

**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](mailto:xcb@lists.freedesktop.org) for corrections and improvements.