

NAME

xcb_query_font - query font metrics

SYNOPSIS

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

Request function

```
xcb_query_font_cookie_t xcb_query_font(xcb_connection_t *conn, xcb_fontable_t font);
```

Reply datastructure

```
typedef struct xcb_query_font_reply_t {
    uint8_t    response_type;
    uint8_t    pad0;
    uint16_t   sequence;
    uint32_t   length;
    xcb_charinfo_t min_bounds;
    uint8_t    pad1[4];
    xcb_charinfo_t max_bounds;
    uint8_t    pad2[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   char_infos_len;
} xcb_query_font_reply_t;
```

Reply function

```
xcb_query_font_reply_t *xcb_query_font_reply(xcb_connection_t *conn,
    xcb_query_font_cookie_t cookie, xcb_generic_error_t **e);
```

Reply accessors

```
xcb_fontprop_t *xcb_query_font_properties(const xcb_query_font_request_t *reply);
```

```
int xcb_query_font_properties_length(const xcb_query_font_reply_t *reply);
```

```
xcb_fontprop_iterator_t xcb_query_font_properties_iterator(const xcb_query_font_reply_t *reply);
```

```
xcb_charinfo_t *xcb_query_font_char_infos(const xcb_query_font_request_t *reply);
```

```
int xcb_query_font_char_infos_length(const xcb_query_font_reply_t *reply);
```

```
xcb_charinfo_iterator_t xcb_query_font_char_infos_iterator(const xcb_query_font_reply_t *reply);
```

REQUEST ARGUMENTS

conn The XCB connection to X11.

font The fontable (Font or Graphics Context) to query.

REPLY FIELDS

response_type The type of this reply, in this case *XCB_QUERY_FONT*. 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).

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

char_infos_len TODO: NOT YET DOCUMENTED.

DESCRIPTION

Queries information associated with the font.

RETURN VALUE

Returns an *xcb_query_font_cookie_t*. Errors have to be handled when calling the reply function *xcb_query_font_reply*.

If you want to handle errors in the event loop instead, use *xcb_query_font_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.