

**NAME**

xcb\_create\_glyph\_cursor - create cursor

**SYNOPSIS**

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

**Request function**

```
xcb_void_cookie_t xcb_create_glyph_cursor(xcb_connection_t *conn, xcb_cursor_t cid,  
      xcb_font_t source_font, xcb_font_t mask_font, uint16_t source_char, uint16_t mask_char,  
      uint16_t fore_red, uint16_t fore_green, uint16_t fore_blue, uint16_t back_red,  
      uint16_t back_green, uint16_t back_blue);
```

**REQUEST ARGUMENTS**

<i>conn</i>	The XCB connection to X11.
<i>cid</i>	The ID with which you will refer to the cursor, created by <i>xcb_generate_id</i> .
<i>source_font</i>	In which font to look for the cursor glyph.
<i>mask_font</i>	In which font to look for the mask glyph.
<i>source_char</i>	The glyph of <i>source_font</i> to use.
<i>mask_char</i>	The glyph of <i>mask_font</i> to use as a mask: Pixels which are set to 1 define which source pixels are displayed. All pixels which are set to 0 are not displayed.
<i>fore_red</i>	The red value of the foreground color.
<i>fore_green</i>	The green value of the foreground color.
<i>fore_blue</i>	The blue value of the foreground color.
<i>back_red</i>	The red value of the background color.
<i>back_green</i>	The green value of the background color.
<i>back_blue</i>	The blue value of the background color.

**DESCRIPTION**

Creates a cursor from a font glyph. X provides a set of standard cursor shapes in a special font named

cursor. Applications are encouraged to use this interface for their cursors because the font can be customized for the individual display type.

All pixels which are set to 1 in the source will use the foreground color (as specified by *fore\_red*, *fore\_green* and *fore\_blue*). All pixels set to 0 will use the background color (as specified by *back\_red*, *back\_green* and *back\_blue*).

## RETURN VALUE

Returns an *xcb\_void\_cookie\_t*. Errors (if any) have to be handled in the event loop.

If you want to handle errors directly with *xcb\_request\_check* instead, use *xcb\_create\_glyph\_cursor\_checked*. See **xcb-requests(3)** for details.

## ERRORS

*xcb\_alloc\_error\_t*

The X server could not allocate the requested resources (no memory?).

*xcb\_font\_error\_t*

The specified *source\_font* or *mask\_font* does not exist.

*xcb\_value\_error\_t*

Either *source\_char* or *mask\_char* are not defined in *source\_font* or *mask\_font*, respectively.

## SEE ALSO

**xcb-requests(3)**

## AUTHOR

Generated from xproto.xml. Contact [xcb@lists.freedesktop.org](mailto:xcb@lists.freedesktop.org) for corrections and improvements.