## NAME

xcb_image_text_16 - Draws text

## SYNOPSIS

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

### Request function

xcb_void_cookie_t **xcb_image_text_16**(xcb_connection_t *conn*, uint8_t *string_len*,
    xcb_drawable_t *drawable*, xcb_gcontext_t *gc*, int16_t *x*, int16_t *y*, const xcb_char2b_t *string*);

## REQUEST ARGUMENTS

*conn*           The XCB connection to X11.

*string_len*     The length of the *string* in characters. Note that this parameter limited by 255 due to
                using 8 bits!

*drawable*       The drawable (Window or Pixmap) to draw text on.

*gc*             The graphics context to use.

                The following graphics context components are used: plane-mask, foreground,
                background, font, subwindow-mode, clip-x-origin, clip-y-origin, and clip-mask.

*x*              The x coordinate of the first character, relative to the origin of *drawable*.

*y*              The y coordinate of the first character, relative to the origin of *drawable*.

*string*         The string to draw. Only the first 255 characters are relevant due to the data type of
                *string_len*. Every character uses 2 bytes (hence the 16 in this request's name).

## DESCRIPTION

Fills the destination rectangle with the background pixel from *gc*, then paints the text with the
foreground pixel from *gc*. The upper-left corner of the filled rectangle is at [x, y - font-ascent]. The
width is overall-width, the height is font-ascent + font-descent. The overall-width, font-ascent and font-
descent are as returned by *xcb_query_text_extents* (TODO).

Note that using X core fonts is deprecated (but still supported) in favor of client-side rendering using
Xft.

## 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_image_text_16_checked*. See **xcb-requests(3)** for details.

## ERRORS

*xcb_drawable_error_t*
>           The specified *drawable* (Window or Pixmap) does not exist.

*xcb_g_context_error_t*
>           The specified graphics context does not exist.

*xcb_match_error_t*
>           TODO: reasons?

## SEE ALSO

**xcb-requests**(3), **xcb_image_text_8**(3)

## AUTHOR

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