

NAME

xcb_poly_segment - draw lines

SYNOPSIS

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

Request function

```
xcb_void_cookie_t xcb_poly_segment(xcb_connection_t *conn, xcb_drawable_t drawable,  
xcb_gcontext_t gc, uint32_t segments_len, const xcb_segment_t *segments);
```

REQUEST ARGUMENTS

conn The XCB connection to X11.

drawable A drawable (Window or Pixmap) to draw on.

gc The graphics context to use.

 TODO: document which attributes of a gc are used

segments_len The number of *xcb_segment_t* structures in *segments*.

segments An array of *xcb_segment_t* structures.

DESCRIPTION

Draws multiple, unconnected lines. For each segment, a line is drawn between (x1, y1) and (x2, y2). The lines are drawn in the order listed in the array of *xcb_segment_t* structures and does not perform joining at coincident endpoints. For any given line, a pixel is not drawn more than once. If lines intersect, the intersecting pixels are drawn multiple times.

TODO: include the *xcb_segment_t* data structure

TODO: an example

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_poly_segment_checked*. See **xcb-requests(3)** for details.

ERRORS

xcb_drawable_error_t

The specified *drawable* does not exist.

xcb_g_context_error_t

The specified *gc* does not exist.

xcb_match_error_t

TODO: reasons?

SEE ALSO

xcb-requests(3)

AUTHOR

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