## 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.