NAME

xcb_change_property - Changes a window property

SYNOPSIS

#include <xcb/xproto.h>

Request function

xcb_void_cookie_t **xcb_change_property**(xcb_connection_t *conn*, uint8_t *mode*,
xcb_window_t *window*, xcb_atom_t *property*, xcb_atom_t *type*, uint8_t *format*, uint32_t *data_len*,
const void *data*);

REQUEST ARGUMENTS

conn   The XCB connection to X11.

mode   One of the following values:

XCB_PROP_MODE_REPLACE

Discard the previous property value and store the new data.

XCB_PROP_MODE_PREPEND

Insert the new data before the beginning of existing data. The *format*
must match existing property value. If the property is undefined, it is
treated as defined with the correct type and format with zero-length
data.

XCB_PROP_MODE_APPEND

Insert the new data after the beginning of existing data. The *format*
must match existing property value. If the property is undefined, it is
treated as defined with the correct type and format with zero-length
data.

window   The window whose property you want to change.

property   The property you want to change (an atom).

type   The type of the property you want to change (an atom).

format   Specifies whether the data should be viewed as a list of 8-bit, 16-bit or 32-bit

quantities. Possible values are 8, 16 and 32. This information allows the X server to correctly perform byte-swap operations as necessary.

data_len   Specifies the number of elements (see *format*).

data   The property data.

DESCRIPTION

Sets or updates a property on the specified *window*. Properties are for example the window title (*WM_NAME*) or its minimum size (*WM_NORMAL_HINTS*). Protocols such as EWMH also use properties - for example EWMH defines the window title, encoded as UTF-8 string, in the *_NET_WM_NAME* property.

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

ERRORS

xcb_alloc_error_t
                    The X server could not store the property (no memory?).

xcb_atom_error_t
                    property or *type* do not refer to a valid atom.

xcb_match_error_t
                    TODO: reasons?

xcb_value_error_t
                    TODO: reasons?

xcb_window_error_t
                    The specified *window* does not exist.

EXAMPLE

/*
 * Sets the WM_NAME property of the window to "XCB Example".
 *

```
     */
    void my_example(xcb_connection_t *conn, xcb_window_t window) {
      xcb_change_property(conn,
        XCB_PROP_MODE_REPLACE,
        window,
        XCB_ATOM_WM_NAME,
        XCB_ATOM_STRING,
        8,
        strlen("XCB Example"),
        "XCB Example");
      xcb_flush(conn);
    }
```

SEE ALSO

    xcb-requests(3), **xcb-examples**(3), **xcb_intern_atom**(3), **xprop**(1)

AUTHOR

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