

**NAME**

xcb\_dri2\_swap\_buffers -

**SYNOPSIS**

```
#include <xcb/dri2.h>
```

**Request function**

```
xcb_dri2_swap_buffers_cookie_t xcb_dri2_swap_buffers(xcb_connection_t *conn,  
    xcb_drawable_t drawable, uint32_t target_msc_hi, uint32_t target_msc_lo, uint32_t divisor_hi,  
    uint32_t divisor_lo, uint32_t remainder_hi, uint32_t remainder_lo);
```

**Reply datastructure**

```
typedef struct xcb_dri2_swap_buffers_reply_t {  
    uint8_t response_type;  
    uint8_t pad0;  
    uint16_t sequence;  
    uint32_t length;  
    uint32_t swap_hi;  
    uint32_t swap_lo;  
} xcb_dri2_swap_buffers_reply_t;
```

**Reply function**

```
xcb_dri2_swap_buffers_reply_t *xcb_dri2_swap_buffers_reply(xcb_connection_t *conn,  
    xcb_dri2_swap_buffers_cookie_t cookie, xcb_generic_error_t **e);
```

**REQUEST ARGUMENTS**

<i>conn</i>	The XCB connection to X11.
<i>drawable</i>	TODO: NOT YET DOCUMENTED.
<i>target_msc_hi</i>	TODO: NOT YET DOCUMENTED.
<i>target_msc_lo</i>	TODO: NOT YET DOCUMENTED.
<i>divisor_hi</i>	TODO: NOT YET DOCUMENTED.
<i>divisor_lo</i>	TODO: NOT YET DOCUMENTED.
<i>remainder_hi</i>	TODO: NOT YET DOCUMENTED.

*remainder\_lo* TODO: NOT YET DOCUMENTED.

## REPLY FIELDS

*response\_type* The type of this reply, in this case *XCB\_DRI2\_SWAP\_BUFFERS*. This field is also present in the *xcb\_generic\_reply\_t* and can be used to tell replies apart from each other.

*sequence* The sequence number of the last request processed by the X11 server.

*length* The length of the reply, in words (a word is 4 bytes).

*swap\_hi* TODO: NOT YET DOCUMENTED.

*swap\_lo* TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

Returns an *xcb\_dri2\_swap\_buffers\_cookie\_t*. Errors have to be handled when calling the reply function *xcb\_dri2\_swap\_buffers\_reply*.

If you want to handle errors in the event loop instead, use *xcb\_dri2\_swap\_buffers\_unchecked*. See **xcb-requests(3)** for details.

## ERRORS

This request does never generate any errors.

## SEE ALSO

### AUTHOR

Generated from dri2.xml. Contact [xcb@lists.freedesktop.org](mailto:xcb@lists.freedesktop.org) for corrections and improvements.