

**NAME**

xcb\_input\_xi\_grab\_device -

**SYNOPSIS**

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

**Request function**

```
xcb_input_xi_grab_device_cookie_t xcb_input_xi_grab_device(xcb_connection_t *conn,  
    xcb_window_t window, xcb_timestamp_t time, xcb_cursor_t cursor,  
    xcb_input_device_id_t deviceid, uint8_t mode, uint8_t paired_device_mode,  
    uint8_t owner_events, uint16_t mask_len, const uint32_t *mask);
```

**Reply datastructure**

```
typedef struct xcb_input_xi_grab_device_reply_t {  
    uint8_t response_type;  
    uint8_t pad0;  
    uint16_t sequence;  
    uint32_t length;  
    uint8_t status;  
    uint8_t pad1[23];  
} xcb_input_xi_grab_device_reply_t;
```

**Reply function**

```
xcb_input_xi_grab_device_reply_t *xcb_input_xi_grab_device_reply(xcb_connection_t *conn,  
    xcb_input_xi_grab_device_cookie_t cookie, xcb_generic_error_t **e);
```

**REQUEST ARGUMENTS**

<i>conn</i>	The XCB connection to X11.
<i>window</i>	TODO: NOT YET DOCUMENTED.
<i>time</i>	TODO: NOT YET DOCUMENTED.
<i>cursor</i>	TODO: NOT YET DOCUMENTED.
<i>deviceid</i>	TODO: NOT YET DOCUMENTED.
<i>mode</i>	TODO: NOT YET DOCUMENTED.

*paired\_device\_mode*

TODO: NOT YET DOCUMENTED.

*owner\_events* TODO: NOT YET DOCUMENTED.

*mask\_len* TODO: NOT YET DOCUMENTED.

*mask* TODO: NOT YET DOCUMENTED.

## REPLY FIELDS

*response\_type* The type of this reply, in this case *XCB\_INPUT\_XI\_GRAB\_DEVICE*. 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).

*status* TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

Returns an *xcb\_input\_xi\_grab\_device\_cookie\_t*. Errors have to be handled when calling the reply function *xcb\_input\_xi\_grab\_device\_reply*.

If you want to handle errors in the event loop instead, use *xcb\_input\_xi\_grab\_device\_unchecked*. See **xcb-requests(3)** for details.

## ERRORS

This request does never generate any errors.

## SEE ALSO

### AUTHOR

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