

## NAME

xcb\_input\_get\_device\_motion\_events -

## SYNOPSIS

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

### Request function

```
xcb_input_get_device_motion_events_cookie_t  
xcb_input_get_device_motion_events(xcb_connection_t *conn, xcb_timestamp_t start,  
xcb_timestamp_t stop, uint8_t device_id);
```

### Reply datastructure

```
typedef struct xcb_input_get_device_motion_events_reply_t {  
    uint8_t response_type;  
    uint8_t xi_reply_type;  
    uint16_t sequence;  
    uint32_t length;  
    uint32_t num_events;  
    uint8_t num_axes;  
    uint8_t device_mode;  
    uint8_t pad0[18];  
} xcb_input_get_device_motion_events_reply_t;
```

### Reply function

```
xcb_input_get_device_motion_events_reply_t  
*xcb_input_get_device_motion_events_reply(xcb_connection_t *conn,  
xcb_input_get_device_motion_events_cookie_t cookie, xcb_generic_error_t **e);
```

### Reply accessors

```
int xcb_input_get_device_motion_events_events_length(const  
xcb_input_get_device_motion_events_reply_t *reply);
```

```
xcb_input_device_time_coord_iterator_t xcb_input_get_device_motion_events_events_iterator(const  
xcb_input_get_device_motion_events_reply_t *reply);
```

## REQUEST ARGUMENTS

*conn*           The XCB connection to X11.

*start*           TODO: NOT YET DOCUMENTED.

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*stop*      TODO: NOT YET DOCUMENTED.

*device\_id*      TODO: NOT YET DOCUMENTED.

## REPLY FIELDS

*response\_type*      The type of this reply, in this case *XCB\_INPUT\_GET\_DEVICE\_MOTION\_EVENTS*. 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).

*xi\_reply\_type*      TODO: NOT YET DOCUMENTED.

*num\_events*      TODO: NOT YET DOCUMENTED.

*num\_axes*      TODO: NOT YET DOCUMENTED.

*device\_mode*      TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

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

If you want to handle errors in the event loop instead, use *xcb\_input\_get\_device\_motion\_events\_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.