

**NAME**

xcb\_xkb\_get\_controls -

**SYNOPSIS**

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

**Request function**

```
xcb_xkb_get_controls_cookie_t xcb_xkb_get_controls(xcb_connection_t *conn,
    xcb_xkb_device_spec_t deviceSpec);
```

**Reply datastructure**

```
typedef struct xcb_xkb_get_controls_reply_t {
    uint8_t response_type;
    uint8_t deviceID;
    uint16_t sequence;
    uint32_t length;
    uint8_t mouseKeysDfltBtn;
    uint8_t numGroups;
    uint8_t groupsWrap;
    uint8_t internalModsMask;
    uint8_t ignoreLockModsMask;
    uint8_t internalModsRealMods;
    uint8_t ignoreLockModsRealMods;
    uint8_t pad0;
    uint16_t internalModsVmods;
    uint16_t ignoreLockModsVmods;
    uint16_t repeatDelay;
    uint16_t repeatInterval;
    uint16_t slowKeysDelay;
    uint16_t debounceDelay;
    uint16_t mouseKeysDelay;
    uint16_t mouseKeysInterval;
    uint16_t mouseKeysTimeToMax;
    uint16_t mouseKeysMaxSpeed;
    int16_t mouseKeysCurve;
    uint16_t accessXOption;
    uint16_t accessXTimeout;
    uint16_t accessXTimeoutOptionsMask;
    uint16_t accessXTimeoutOptionsValues;
```

```

uint8_t pad1[2];
uint32_t accessXTimeoutMask;
uint32_t accessXTimeoutValues;
uint32_t enabledControls;
uint8_t perKeyRepeat[32];
} xcb_xkb_get_controls_reply_t;

```

### Reply function

```

xcb_xkb_get_controls_reply_t *xcb_xkb_get_controls_reply(xcb_connection_t *conn,
    xcb_xkb_get_controls_cookie_t cookie, xcb_generic_error_t **e);

```

### REQUEST ARGUMENTS

*conn*            The XCB connection to X11.

*deviceSpec*    TODO: NOT YET DOCUMENTED.

### REPLY FIELDS

*response\_type* The type of this reply, in this case *XCB\_XKB\_GET\_CONTROLS*. 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).

*deviceID*        TODO: NOT YET DOCUMENTED.

*mouseKeysDfltBtn*  
                  TODO: NOT YET DOCUMENTED.

*numGroups*      TODO: NOT YET DOCUMENTED.

*groupsWrap*     TODO: NOT YET DOCUMENTED.

*internalModsMask*  
                  TODO: NOT YET DOCUMENTED.

*ignoreLockModsMask*  
                  TODO: NOT YET DOCUMENTED.

*internalModsRealMods*

TODO: NOT YET DOCUMENTED.

*ignoreLockModsRealMods*

TODO: NOT YET DOCUMENTED.

*internalModsVmods*

TODO: NOT YET DOCUMENTED.

*ignoreLockModsVmods*

TODO: NOT YET DOCUMENTED.

*repeatDelay*      TODO: NOT YET DOCUMENTED.

*repeatInterval*    TODO: NOT YET DOCUMENTED.

*slowKeysDelay*  
                  TODO: NOT YET DOCUMENTED.

*debounceDelay*    TODO: NOT YET DOCUMENTED.

*mouseKeysDelay*  
                  TODO: NOT YET DOCUMENTED.

*mouseKeysInterval*  
                  TODO: NOT YET DOCUMENTED.

*mouseKeysTimeToMax*  
                  TODO: NOT YET DOCUMENTED.

*mouseKeysMaxSpeed*  
                  TODO: NOT YET DOCUMENTED.

*mouseKeysCurve*  
                  TODO: NOT YET DOCUMENTED.

*accessXOption*    TODO: NOT YET DOCUMENTED.

*accessXTimeout*  
                  TODO: NOT YET DOCUMENTED.

*accessXTimeoutOptionsMask*

TODO: NOT YET DOCUMENTED.

*accessXTimeoutOptionsValues*

TODO: NOT YET DOCUMENTED.

*accessXTimeoutMask*

TODO: NOT YET DOCUMENTED.

*accessXTimeoutValues*

TODO: NOT YET DOCUMENTED.

*enabledControls*

TODO: NOT YET DOCUMENTED.

*perKeyRepeat* TODO: NOT YET DOCUMENTED.

## DESCRIPTION

## RETURN VALUE

Returns an *xcb\_xkb\_get\_controls\_cookie\_t*. Errors have to be handled when calling the reply function *xcb\_xkb\_get\_controls\_reply*.

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

## ERRORS

This request does never generate any errors.

## SEE ALSO

## AUTHOR

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