

**NAME**

xcb\_xkb\_get\_state -

**SYNOPSIS**

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

**Request function**

```
xcb_xkb_get_state_cookie_t xcb_xkb_get_state(xcb_connection_t *conn,
      xcb_xkb_device_spec_t deviceSpec);
```

**Reply datastructure**

```
typedef struct xcb_xkb_get_state_reply_t {
    uint8_t response_type;
    uint8_t deviceID;
    uint16_t sequence;
    uint32_t length;
    uint8_t mods;
    uint8_t baseMods;
    uint8_t latchedMods;
    uint8_t lockedMods;
    uint8_t group;
    uint8_t lockedGroup;
    int16_t baseGroup;
    int16_t latchedGroup;
    uint8_t compatState;
    uint8_t grabMods;
    uint8_t compatGrabMods;
    uint8_t lookupMods;
    uint8_t compatLookupMods;
    uint8_t pad0;
    uint16_t ptrBtnState;
    uint8_t pad1[6];
} xcb_xkb_get_state_reply_t;
```

**Reply function**

```
xcb_xkb_get_state_reply_t *xcb_xkb_get_state_reply(xcb_connection_t *conn,
      xcb_xkb_get_state_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\_STATE*. 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.

*mods*            TODO: NOT YET DOCUMENTED.

*baseMods*       TODO: NOT YET DOCUMENTED.

*latchedMods*    TODO: NOT YET DOCUMENTED.

*lockedMods*     TODO: NOT YET DOCUMENTED.

*group*            TODO: NOT YET DOCUMENTED.

*lockedGroup*    TODO: NOT YET DOCUMENTED.

*baseGroup*       TODO: NOT YET DOCUMENTED.

*latchedGroup*    TODO: NOT YET DOCUMENTED.

*compatState*     TODO: NOT YET DOCUMENTED.

*grabMods*        TODO: NOT YET DOCUMENTED.

*compatGrabMods*  
                  TODO: NOT YET DOCUMENTED.

*lookupMods*     TODO: NOT YET DOCUMENTED.

*compatLookupMods*

TODO: NOT YET DOCUMENTED.

*ptrBtnState*      TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

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

If you want to handle errors in the event loop instead, use *xcb\_xkb\_get\_state\_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.