

**NAME**

xcb\_xkb\_get\_map -

**SYNOPSIS**

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

**Request function**

```
xcb_xkb_get_map_cookie_t xcb_xkb_get_map(xcb_connection_t *conn,
    xcb_xkb_device_spec_t deviceSpec, uint16_t full, uint16_t partial, uint8_t firstType,
    uint8_t nTypes, xcb_keycode_t firstKeySym, uint8_t nKeySyms, xcb_keycode_t firstKeyAction,
    uint8_t nKeyActions, xcb_keycode_t firstKeyBehavior, uint8_t nKeyBehaviors,
    uint16_t virtualMods, xcb_keycode_t firstKeyExplicit, uint8_t nKeyExplicit,
    xcb_keycode_t firstModMapKey, uint8_t nModMapKeys, xcb_keycode_t firstVModMapKey,
    uint8_t nVModMapKeys);
```

**Reply datastructure**

```
typedef struct xcb_xkb_get_map_reply_t {
    uint8_t    response_type;
    uint8_t    deviceID;
    uint16_t   sequence;
    uint32_t   length;
    uint8_t    pad0[2];
    xcb_keycode_t minKeyCode;
    xcb_keycode_t maxKeyCode;
    uint16_t   present;
    uint8_t    firstType;
    uint8_t    nTypes;
    uint8_t    totalTypes;
    xcb_keycode_t firstKeySym;
    uint16_t   totalSyms;
    uint8_t    nKeySyms;
    xcb_keycode_t firstKeyAction;
    uint16_t   totalActions;
    uint8_t    nKeyActions;
    xcb_keycode_t firstKeyBehavior;
    uint8_t    nKeyBehaviors;
    uint8_t    totalKeyBehaviors;
    xcb_keycode_t firstKeyExplicit;
    uint8_t    nKeyExplicit;
```

```

uint8_t    totalKeyExplicit;
xcb_keycode_t firstModMapKey;
uint8_t    nModMapKeys;
uint8_t    totalModMapKeys;
xcb_keycode_t firstVModMapKey;
uint8_t    nVModMapKeys;
uint8_t    totalVModMapKeys;
uint8_t    pad1;
uint16_t   virtualMods;
} xcb_xkb_get_map_reply_t;

```

**Reply function**

```

xcb_xkb_get_map_reply_t *xcb_xkb_get_map_reply(xcb_connection_t *conn,
        xcb_xkb_get_map_cookie_t cookie, xcb_generic_error_t **e);

```

**Reply accessors**

```

xcb_xkb_get_map_map_t *xcb_xkb_get_map_map (const xcb_xkb_get_map_request_t *reply)

```

**REQUEST ARGUMENTS**

|                         |                            |
|-------------------------|----------------------------|
| <i>conn</i>             | The XCB connection to X11. |
| <i>deviceSpec</i>       | TODO: NOT YET DOCUMENTED.  |
| <i>full</i>             | TODO: NOT YET DOCUMENTED.  |
| <i>partial</i>          | TODO: NOT YET DOCUMENTED.  |
| <i>firstType</i>        | TODO: NOT YET DOCUMENTED.  |
| <i>nTypes</i>           | TODO: NOT YET DOCUMENTED.  |
| <i>firstKeySym</i>      | TODO: NOT YET DOCUMENTED.  |
| <i>nKeySyms</i>         | TODO: NOT YET DOCUMENTED.  |
| <i>firstKeyAction</i>   | TODO: NOT YET DOCUMENTED.  |
| <i>nKeyActions</i>      | TODO: NOT YET DOCUMENTED.  |
| <i>firstKeyBehavior</i> |                            |

TODO: NOT YET DOCUMENTED.

*nKeyBehaviors* TODO: NOT YET DOCUMENTED.

*virtualMods* TODO: NOT YET DOCUMENTED.

*firstKeyExplicit*  
TODO: NOT YET DOCUMENTED.

*nKeyExplicit* TODO: NOT YET DOCUMENTED.

*firstModMapKey*  
TODO: NOT YET DOCUMENTED.

*nModMapKeys* TODO: NOT YET DOCUMENTED.

*firstVModMapKey*  
TODO: NOT YET DOCUMENTED.

*nVModMapKeys*  
TODO: NOT YET DOCUMENTED.

## REPLY FIELDS

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

*minKeyCode* TODO: NOT YET DOCUMENTED.

*maxKeyCode* TODO: NOT YET DOCUMENTED.

*present* TODO: NOT YET DOCUMENTED.

*firstType* TODO: NOT YET DOCUMENTED.

*nTypes*            TODO: NOT YET DOCUMENTED.

*totalTypes*        TODO: NOT YET DOCUMENTED.

*firstKeySym*        TODO: NOT YET DOCUMENTED.

*totalSyms*         TODO: NOT YET DOCUMENTED.

*nKeySyms*          TODO: NOT YET DOCUMENTED.

*firstKeyAction*    TODO: NOT YET DOCUMENTED.

*totalActions*     TODO: NOT YET DOCUMENTED.

*nKeyActions*      TODO: NOT YET DOCUMENTED.

*firstKeyBehavior*  
                    TODO: NOT YET DOCUMENTED.

*nKeyBehaviors*    TODO: NOT YET DOCUMENTED.

*totalKeyBehaviors*  
                    TODO: NOT YET DOCUMENTED.

*firstKeyExplicit*  
                    TODO: NOT YET DOCUMENTED.

*nKeyExplicit*     TODO: NOT YET DOCUMENTED.

*totalKeyExplicit*  
                    TODO: NOT YET DOCUMENTED.

*firstModMapKey*  
                    TODO: NOT YET DOCUMENTED.

*nModMapKeys*      TODO: NOT YET DOCUMENTED.

*totalModMapKeys*  
                    TODO: NOT YET DOCUMENTED.

*firstVModMapKey*

TODO: NOT YET DOCUMENTED.

*nVModMapKeys*

TODO: NOT YET DOCUMENTED.

*totalVModMapKeys*

TODO: NOT YET DOCUMENTED.

*virtualMods*

TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

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

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