

NAME

`xcb_query_extension` - check if extension is present

SYNOPSIS

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

Request function

```
xcb_query_extension_cookie_t xcb_query_extension(xcb_connection_t *conn, uint16_t name_len,
const char *name);
```

Reply datastructure

```
typedef struct xcb_query_extension_reply_t {
    uint8_t response_type;
    uint8_t pad0;
    uint16_t sequence;
    uint32_t length;
    uint8_t present;
    uint8_t major_opcode;
    uint8_t first_event;
    uint8_t first_error;
} xcb_query_extension_reply_t;
```

Reply function

```
xcb_query_extension_reply_t *xcb_query_extension_reply(xcb_connection_t *conn,
xcb_query_extension_cookie_t cookie, xcb_generic_error_t **e);
```

REQUEST ARGUMENTS

conn The XCB connection to X11.

name_len The length of *name* in bytes.

name The name of the extension to query, for example "RANDR". This is case sensitive!

REPLY FIELDS

response_type The type of this reply, in this case `XCB_QUERY_EXTENSION`. 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.

<i>length</i>	The length of the reply, in words (a word is 4 bytes).
<i>present</i>	Whether the extension is present on this X11 server.
<i>major_opcode</i>	The major opcode for requests.
<i>first_event</i>	The first event code, if any.
<i>first_error</i>	The first error code, if any.

DESCRIPTION

Determines if the specified extension is present on this X11 server.

Every extension has a unique *major_opcode* to identify requests, the minor opcodes and request formats are extension-specific. If the extension provides events and errors, the *first_event* and *first_error* fields in the reply are set accordingly.

There should rarely be a need to use this request directly, XCB provides the *xcb_get_extension_data* function instead.

RETURN VALUE

Returns an *xcb_query_extension_cookie_t*. Errors have to be handled when calling the reply function *xcb_query_extension_reply*.

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

ERRORS

This request does never generate any errors.

SEE ALSO

xcb-requests(3), **xcb_get_extension_data(3)**, **xdpyinfo(1)**

AUTHOR

Generated from xproto.xml. Contact xcb@lists.freedesktop.org for corrections and improvements.