

**NAME**

xcb\_dri2\_connect -

**SYNOPSIS**

```
#include <xcb/dri2.h>
```

**Request function**

```
xcb_dri2_connect_cookie_t xcb_dri2_connect(xcb_connection_t *conn, xcb_window_t window,
      uint32_t driver_type);
```

**Reply datastructure**

```
typedef struct xcb_dri2_connect_reply_t {
    uint8_t response_type;
    uint8_t pad0;
    uint16_t sequence;
    uint32_t length;
    uint32_t driver_name_length;
    uint32_t device_name_length;
    uint8_t pad1[16];
} xcb_dri2_connect_reply_t;
```

**Reply function**

```
xcb_dri2_connect_reply_t *xcb_dri2_connect_reply(xcb_connection_t *conn,
      xcb_dri2_connect_cookie_t cookie, xcb_generic_error_t **e);
```

**Reply accessors**

```
char *xcb_dri2_connect_driver_name(const xcb_dri2_connect_request_t *reply);
```

```
int xcb_dri2_connect_driver_name_length(const xcb_dri2_connect_reply_t *reply);
```

```
xcb_generic_iterator_t xcb_dri2_connect_driver_name_end(const xcb_dri2_connect_reply_t *reply);
```

```
void *xcb_dri2_connect_alignment_pad(const xcb_dri2_connect_request_t *reply);
```

```
int xcb_dri2_connect_alignment_pad_length(const xcb_dri2_connect_reply_t *reply);
```

```
xcb_generic_iterator_t xcb_dri2_connect_alignment_pad_end(const xcb_dri2_connect_reply_t *reply);
```

```
char *xcb_dri2_connect_device_name(const xcb_dri2_connect_request_t *reply);
```

```
int xcb_dri2_connect_device_name_length(const xcb_dri2_connect_reply_t *reply);
```

```
xcb_generic_iterator_t xcb_dri2_connect_device_name_end(const xcb_dri2_connect_reply_t *reply);
```

## REQUEST ARGUMENTS

*conn*            The XCB connection to X11.

*window*         TODO: NOT YET DOCUMENTED.

*driver\_type*    TODO: NOT YET DOCUMENTED.

## REPLY FIELDS

*response\_type* The type of this reply, in this case *XCB\_DRI2\_CONNECT*. 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).

*driver\_name\_length*  
                  TODO: NOT YET DOCUMENTED.

*device\_name\_length*  
                  TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

Returns an *xcb\_dri2\_connect\_cookie\_t*. Errors have to be handled when calling the reply function *xcb\_dri2\_connect\_reply*.

If you want to handle errors in the event loop instead, use *xcb\_dri2\_connect\_unchecked*. See **xcb-requests(3)** for details.

## ERRORS

This request does never generate any errors.

## SEE ALSO

### AUTHOR

Generated from dri2.xml. Contact [xcb@lists.freedesktop.org](mailto:xcb@lists.freedesktop.org) for corrections and improvements.