

NAME

XIBarrierReleasePointer, XIBarrierReleasePointers - allow pointer movement across a pointer barrier

SYNOPSIS

```
#include <X11/extensions/XInput2.h>
```

```
int XIBarrierReleasePointer( Display *display,  
                           int deviceid,  
                           PointerBarrier barrier,  
                           BarrierEventID eventid);
```

```
int XIBarrierReleasePointers( Display *display,  
                              XIBarrierReleasePointerInfo *barriers,  
                              int num_barriers);
```

display

Specifies the connection to the X server.

deviceid

Specifies the device allowed to move across the barrier.

barrier

Specifies the barrier.

eventid

Specifies the unique event ID for this barrier event sequence.

barriers

List of deviceid, barrier, eventid triplets.

num_barriers

Number of elements in barriers.

DESCRIPTION

If a pointer is constrained by a pointer barrier, release the pointer from the barrier and allow it to cross the barrier with the next motion. If the pointer moves away from the barrier, this request does nothing.

This request only releases the pointer for the given barrier event sequence. If the pointer moves away from or through the barrier, a

XI_BarrierLeave event is generated. Future pointer movement constrained by this barrier will assign a new eventid and require a new XIBarrierReleasePointer request.

If the pointer is not currently blocked by the barrier or the barrier event sequence has ended, this request does nothing.

XIBarrierReleasePointer and XIBarrierReleasePointers can generate a BadDevice or BadValue error.

DIAGNOSTICS

BadDevice

An invalid device was specified. The device does not exist or is not a master pointer device.

BadValue

A value for a PointerBarrier argument does not name a defined pointer barrier.

SEE ALSO

XFixesCreatePointerBarrier(3)