

NAME

XkbLatchModifiers - Latches and unlatches any of the eight real keyboard modifiers

SYNOPSIS

```
Bool XkbLatchModifiers (Display *display, unsigned int device_spec, unsigned int affect, unsigned int values);
```

ARGUMENTS

display

connection to the X server

device_spec

device ID, or XkbUseCoreKbd

affect

mask of real modifiers whose lock state is to change

values

1 => lock, 0 => unlock; only for modifiers selected by affect

DESCRIPTION

XkbLatchModifiers sends a request to the server to latch the real modifiers selected by both *affect* and *values* and to unlatch the real modifiers selected by *affect*, but not selected by *values*.

XkbLatchModifiers does not wait for a reply from the server. It returns True if the request was sent, and False otherwise.

The functions in this section that change the use of modifiers use a mask in the parameter *affect*. It is a bitwise inclusive OR of the legal modifier masks:

Table 1 Real Modifier Masks

Mask

ShiftMask

LockMask

ControlMask

Mod1Mask

Mod2Mask

Mod3Mask

Mod4Mask

Mod5Mask

RETURN VALUES

True The *XkbLatchModifiers* function returns True if a request was sent to the server to latch the real modifiers selected by both *affect* and *values* and to unlatch the real modifiers selected by *affect* , but not selected by *values*.

False The *XkbLatchModifiers* function returns False if the request was not sent.