

NAME

XkbSetNamedIndicator - Names an indicator if it is not already named; toggles the state of the indicator; sets the indicator to a specified state and sets the indicator map for the indicator

SYNOPSIS

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Bool XkbSetNamedDeviceIndicator (Display *dpy, unsigned int device_spec, unsigned int led_class, unsigned int led_id, Atom name, Bool change_state, Bool state, Bool create_new, XkbIndicatorMapPtr map); Bool XkbSetNamedIndicator (Display *dpy, Atom name, Bool change_state, Bool state, Bool create_new, XkbIndicatorMapPtr map);
```

ARGUMENTS

dpy connection to the X server

device_spec

device ID, or XkbUseCoreKbd

led_class

feedback class, or XkbDfltXIClass

led_id

feedback ID, or XkbDfltXIId

name

name of the indicator to change

change_state

whether to change the indicator state or not

state

desired new state for the indicator

create_new

whether a new indicator with the specified name should be created when necessary

map

new map for the indicator

DESCRIPTION

If a compatible version of the Xkb extension is not available in the server, *XkbSetNamedDeviceIndicator* returns False. Otherwise, it sends a request to the X server to change the indicator specified by *name* and returns True.

If *change_state* is True, *XkbSetNamedDeviceIndicator* tells the server to change the state of the named indicator to the value specified by *state*. If *change_state* is False, then *state* is not used.

If an indicator with the name specified by *name* does not already exist, the *create_new* parameter tells the server whether it should create a new named indicator. If *create_new* is True, the server finds the first indicator that doesn't have a name and gives it the name specified by *name*. If the optional parameter, *map*, is not NULL, *XkbSetNamedDeviceIndicator* tells the server to change the indicator's map to the values specified in *map*.

In addition, it can also generate XkbIndicatorStateNotify, XkbIndicatorMapNotify, and XkbNamesNotify events.

XkbSetNamedIndicator is a convenience function that calls *XkbSetNamedDeviceIndicator* with a *device_spec* of **XkbUseCoreKbd**, a *led_class* of **XkbDfltXIClass**, and a *led_id* of **XkbDfltXIId**. It returns the return value from *XkbSetNamedDeviceIndicator*.

RETURN VALUES

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|-------|---|
| True | The <i>XkbSetNamedIndicator</i> and <i>XkbSetNamedDeviceIndicator</i> functions return True if a compatible version of the Xkb extension is available in the server. |
| False | The <i>XkbSetNamedIndicator</i> and <i>XkbSetNamedDeviceIndicator</i> functions return False if a compatible version of the Xkb extension is not available in the server. |

DIAGNOSTICS

- | | |
|--------------------------|---|
| BadAtom | A name is neither a valid Atom or None |
| BadImplementation | Invalid reply from server |
| BadKeyboard | <i>device_spec</i> does not specify a device with indicators. |
| BadMatch | <i>led_id</i> is not DfltXIId and does not specify a feedback of the class specified by <i>led_class</i> on the device specified by <i>device_spec</i> . |
| BadValue | <i>led_class</i> does not specify DfltXIClass , LedFeedbackClass , or KbdFeedbackClass . |

SEE ALSO

XkbIndicatorMapNotify(3), XkbIndicatorStateNotify(3), XkbNamesNotify(3)