

**NAME**

XkbTranslateKeySym - Find the string and symbol associated with a keySYM for a given keyboard state

**SYNOPSIS**

```
int XkbTranslateKeySym (Display *dpy, KeySym *sym_inout, unsigned int mods, char *buf, int nbytes, int *extra_rtrn);
```

**ARGUMENTS**

*dpy* connection to X server

*sym\_inout*

symbol to be translated; result of translation

*mods*

modifiers to apply to *sym\_inout*

*buf* buffer into which returned string is written

*nbytes*

size of buffer in bytes

*extra\_rtrn*

number of bytes overflow

**DESCRIPTION**

*XkbTranslateKeySym* applies the transformations specified in *mods* to the symbol specified by *sym\_inout*. It returns in *buf* the string, if any, associated with the keySYM for the current locale. If the transformations in *mods* changes the keySYM, *sym\_inout* is updated accordingly. If the string returned is larger than *nbytes*, a count of bytes that does not fit into the buffer is returned in *extra\_rtrn*. *XkbTranslateKeySym* returns the number of bytes it placed into *buf*.

**RETURN VALUES**

*buf* Returns the string, if any, associated with the keySYM for the current locale.