Rocky Enterprise Linux 9.2 Manual Pages on command 'XtSetKeyTranslator.3'

$ man XtSetKeyTranslator.3

XtSetKeyTranslator(3)   XT FUNCTIONS   XtSetKeyTranslator(3)

NAME

    XtSetKeyTranslator, XtTranslateKeycode, XtRegisterCaseConverter, XtConvertCase - convert

    KeySym to KeyCodes

SYNTAX

    #include <X11/Intrinsic.h>

    void XtSetKeyTranslator(Display *display, XtKeyProc proc);

    void XtTranslateKeycode(Display *display, KeyCode keycode, Modifiers modifiers, Modifiers

        *modifiers_return, KeySym *keysym_return);

    void XtRegisterCaseConverter(Display *display, XtCaseProc proc, KeySym start, KeySym

        stop);

    void XtConvertCase(Display *display, KeySym keysym, KeySym *lower_return, KeySym *up?

        per_return);

ARGUMENTS

    display   Specifies the display.

keycode   Specifies the KeyCode to translate.

keysym   Specifies the KeySym to convert.

keysym_return

    Returns the resulting KeySym.

lower_return

    Returns the lowercase equivalent of the KeySym.

upper_return

    Returns the uppercase equivalent of the KeySym.

modifiers Specifies the modifiers to the KeyCode.

modifiers_return

    Returns a mask that indicates the modifiers actually used to generate the

    KeySym.

proc   Specifies the procedure that is to perform key translations or conversions.

start   Specifies the first KeySym for which this converter is valid.

stop   Specifies the last KeySym for which this converter is valid.

DESCRIPTION

    The XtSetKeyTranslator function sets the specified procedure as the current key transla?

    tor. The default translator is XtTranslateKey, an XtKeyProc that uses Shift and Lock mod?

    ifiers with the interpretations defined by the core protocol. It is provided so that new

    translators can call it to get default KeyCode-to-KeySym translations and so that the de?

    fault translator can be reinstalled.

    The XtTranslateKeycode function passes the specified arguments directly to the currently

registered KeyCode to KeySym translator.

The XtRegisterCaseConverter registers the specified case converter. The start and stop

arguments provide the inclusive range of KeySyms for which this converter is to be called.

The new converter overrides any previous converters for KeySyms in that range. No inter?

face exists to remove converters; you need to register an identity converter. When a new

converter is registered, the Intrinsics refreshes the keyboard state if necessary. The

default converter understands case conversion for all KeySyms defined in the core proto?

col.

The XtConvertCase function calls the appropriate converter and returns the results. A

user-supplied XtKeyProc may need to use this function.

SEE ALSO

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface

X Version 11   libXt 1.2.1   XtSetKeyTranslator(3)