*Rocky Enterprise Linux 9.2 Manual Pages on command 'XtOwnSelectionIncremental.3'*

*$ man XtOwnSelectionIncremental.3*

XtOwnSelection(3)                    XT FUNCTIONS                    XtOwnSelection(3)


NAME

   XtOwnSelection, XtOwnSelectionIncremental, XtDisownSelection - set selection owner


SYNTAX

   #include <X11/Intrinsic.h>


   Boolean XtOwnSelection(Widget w, Atom selection, Time time, XtConvertSelectionProc con?

       vert_proc, XtLoseSelectionProc lose_selection, XtSelectionDoneProc done_proc);


   Boolean XtOwnSelectionIncremental(Widget w, Atom selection, Time time, XtConvertSelection?

       IncrProc convert_callback, XtLoseSelectionIncrProc lose_callback, XtSelection?

       DoneIncrProc done_callback, XtCancelConvertSelectionProc cancel_callback, XtPointer

       client_data);


   void XtDisownSelection(Widget w, Atom selection, Time time);


ARGUMENTS

   convert_proc

       Specifies the procedure that is to be called whenever someone requests the cur?

       rent value of the selection.

done_proc Specifies the procedure that is called after the requestor has received the se‐

    lection or NULL if the owner is not interested in being called back.

lose_selection

    Specifies the procedure that is to be called whenever the widget has lost selec‐

    tion ownership or NULL if the owner is not interested in being called back.

selection Specifies an atom that describes the type of the selection (for example, XA_PRI‐

    MARY, XA_SECONDARY, or XA_CLIPBOARD).

time     Specifies the timestamp that indicates when the selection ownership should com‐

    mence or is to be relinquished.

w      Specifies the widget that wishes to become the owner or to relinquish ownership.

DESCRIPTION

    The XtOwnSelection function informs the Intrinsics selection mechanism that a widget be‐

    lieves it owns a selection.  It returns True if the widget has successfully become the

    owner and False otherwise.  The widget may fail to become the owner if some other widget

    has asserted ownership at a time later than this widget.  Note that widgets can lose se‐

    lection ownership either because someone else asserted later ownership of the selection or

    because the widget voluntarily gave up ownership of the selection.  Also note that the

    lose_selection procedure is not called if the widget fails to obtain selection ownership

    in the first place.

    The XtOwnSelectionIncremental procedure informs the Intrinsics incremental selection mech‐

    anism that the specified widget wishes to own the selection.  It returns True if the spec‐

    ified widget successfully becomes the selection owner or False otherwise.  For more infor‐

    mation about selection, target, and time, see Section 2.6 of the Inter-Client Communica‐

    tion Conventions Manual.

    A widget that becomes the selection owner using XtOwnSelectionIncremental may use

    XtDisownSelection to relinquish selection ownership.

The XtDisownSelection function informs the Intrinsics selection mechanism that the speci?

fied widget is to lose ownership of the selection.  If the widget does not currently own

the selection either because it lost the selection or because it never had the selection

to begin with, XtDisownSelection does nothing.


After a widget has called XtDisownSelection, its convert procedure is not called even if a

request arrives later with a timestamp during the period that this widget owned the selec?

tion.  However, its done procedure will be called if a conversion that started before the

call to XtDisownSelection finishes after the call to XtDisownSelection.


SEE ALSO

   XtAppGetSelectionTimeout(3), XtGetSelectionValue(3)

   X Toolkit Intrinsics - C Language Interface

   Xlib - C Language X Interface


X Version 11                      libXt 1.2.1                      XtOwnSelection(3)