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

$ man XtGetSelectionValueIncremental.3

XtGetSelectionValueIncremental(3)   XT FUNCTIONS   XtGetSelectionValueIncremental(3)

NAME

   XtGetSelectionValueIncremental, XtGetSelectionValuesIncremental - obtain selection values

SYNTAX

   #include <X11/Intrinsic.h>

   void XtGetSelectionValueIncremental(Widget w, Atom selection, Atom target, XtSelection?

       CallbackProc callback, XtPointer client_data, Time time);

   void XtGetSelectionValuesIncremental(Widget w, Atom selection, Atom *targets, int count,

       XtSelectionCallbackProc callback, XtPointer *client_data, Time time);

ARGUMENTS

   callback Specifies the callback procedure that is to be called when the selection value

       has been obtained.

   client_data

       Specifies the argument that is to be passed to the specified procedure when it

       is called.

   client_data

Specifies the client data (one for each target type) that is passed to the call‐
back procedure when it is called for that target.

count   Specifies the length of the targets and client_data lists.

selection Specifies the particular selection desired (that is, primary or secondary).

target   Specifies the type of the information that is needed about the selection.

targets   Specifies the types of information that is needed about the selection.

time   Specifies the timestamp that indicates when the selection value is desired.

w   Specifies the widget that is making the request.

DESCRIPTION

The XtGetSelectionValueIncremental function is similar to XtGetSelectionValue except that
the selection_callback procedure will be called repeatedly upon delivery of multiple seg‐
ments of the selection value. The end of the selection value is indicated when selec‐
tion_callback is called with a non-NULL value of length zero, which must still be freed by
the client. If the transfer of the selection is aborted in the middle of a transfer (for
example, because to timeout), the selection_callback procedure is called with a type value
equal to the symbolic constant XT_CONVERT_FAIL so that the requestor can dispose of the
partial selection value it has collected up until that point. Upon receiving XT_CON‐
VERT_FAIL, the requesting client must determine for itself whether or not a partially com‐
pleted transfer is meaningful.

The XtGetSelectionValuesIncremental function is similar to XtGetSelectionValueIncremental
except that it takes a list of target types and a list of client data and obtains the cur‐
rent value of the selection converted to each of the targets. The effect is as if each
target were specified in a separate call to XtGetSelectionValueIncremental. The callback
is called once with the corresponding client data for each target. XtGetSelectionValues‐
Incremental does guarantee that all the conversions will use the same selection value be‐

cause the ownership of the selection cannot change in the middle of the list, as would be when calling XtGetSelectionValueIncremental repeatedly.

SEE ALSO

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface

X Version 11   libXt 1.2.1   XtGetSelectionValueIncremental(3)