NAME

XtGetSelectionValueIncremental, XtGetSelectionValuesIncremental − obtain selection values

SYNTAX

void XtGetSelectionValueIncremental(Widget *w*, Atom *selection*, Atom *target*, XtSelectionCallbackProc *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 callback 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 segments of the selection value. The end of the selection value is indicated when *selection_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_CONVERT_FAIL**, the requesting client must determine for itself whether or not a partially completed 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 current 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. **XtGetSelectionValuesIncremental** does guarantee that all the conversions will use the same selection value because 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