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

$ man XtSendSelectionRequest.3

XtCreateSelectionRequest(3)   XT FUNCTIONS   XtCreateSelectionRequest(3)

NAME

   XtCreateSelectionRequest, XtSendSelectionRequest, XtCancelSelectionRequest - bundle multi?

   ple selection conversion requests into a single request using MULTIPLE target

SYNTAX

   #include <X11/Intrinsic.h>

   void XtCreateSelectionRequest(Widget requestor, Atom selection);

   void XtSendSelectionRequest(Widget requestor, Atom selection, Time time);

   void XtCancelSelectionRequest(Widget requestor, Atom selection);

ARGUMENTS

   requestor Specifies the widget making the request. Must be of class Core or a subclass

        thereof.

   selection Specifies the particular selection desired.

   time   Specifies the timestamp to be used in making the request.

DESCRIPTION

When XtCreateSelectionRequest is called, subsequent calls to XtGetSelectionValue and XtGetSelectionValueIncremental with the requestor and selection as specified to XtCreate? SelectionRequest will be bundled into a single selection conversion request with multiple targets. The request is actually initiated by calling XtSendSelectionRequest.

When XtSendSelectionRequest is called with a value of requestor and selection matching a previous call to XtCreateSelectionRequest, a selection conversion request is actually sent to the selection owner. If a single target request is queued, that request is made. If multiple targets are queued they are bundled into a single request with the target MULTI? PLE using the specified timestamp. As the conversions are made, the callbacks associated with each XtGetSelectionValue and XtGetSelectionValueIncremental are invoked in turn.

Multi-threaded applications should lock the application context before calling XtCreate? SelectionRequest and release the lock after calling XtSendSelectionRequest to ensure that the thread assembling the request is safe from interference by another thread assembling a different request naming the same widget and selection.

When XtCancelSelectionRequest is called, any requests queued since the last call to XtCreateSelectionRequest are cleaned up. Subsequent calls to XtGetSelectionValue, XtGetS? electionValues, XtGetSelectionValueIncremental, and XtGetSelectionValuesIncremental will not be deferred.

SEE ALSO

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface