



Linux Ubuntu 26.04 Manual Pages on command 'XtCreateSelectionRequest.3'

\$ man XtCreateSelectionRequest.3

XtCreateSelectionRequest(3) XT FUNCTIONS XtCreateSelectionRequest(3)

NAME

XtCreateSelectionRequest, XtSendSelectionRequest, XtCancelSelectionRequest - bundle multiple 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 `XtCreateSelectionRequest` 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 `MULTIPLE` 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 `XtCreateSelectionRequest` 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`, `XtGetSelectionValues`, `XtGetSelectionValueIncremental`, and `XtGetSelectionValuesIncremental` will not be deferred.

SEE ALSO

X Toolkit Intrinsic - C Language Interface
Xlib - C Language X Interface