XtNextEvent, XtPending, XtPeekEvent, XtProcessEvent, XtMainLoop − query and process events and input

void XtNextEvent(*event_return***)**
    XEvent **event_return***;**

Boolean XtPeekEvent(*event_return*)
    XEvent *event_return;

XtInputMask XtPending()

void XtProcessEvent(*mask*)
    XtInputMask *mask*;

void XtMainLoop()

event   Specifies a pointer to the event structure that is to be dispatched to the appropriate event handler.

event_return   Returns the event information to the specified event structure.

mask   Specifies what types of events to process. The mask is the bitwise inclusive OR of any combination of **XtIMXEvent**, **XtIMTimer**, **XtIMAlternateInput**, and **XtIMSignal**. As a convenience, the X Toolkit defines the symbolic name **XtIMAll** to be the bitwise inclusive OR of all event types.

XtNextEvent has been replaced by **XtAppNextEvent**.

XtPeekEvent has been replaced by **XtAppPeekEvent**.

XtPending has been replaced by **XtAppPending**.

XtProcessEvent has been replaced by **XtAppProcessEvent**.

XtMainLoop has been replaced by **XtAppMainLoop**.

XtAppNextEvent(3xt), XtAppPending(3Xt), XtAppPeekEvent(3Xt), XtAppProcessEvent(3Xt), XtAppMainLoop(3Xt)
X Toolkit Intrinsics − C Language Interface
Xlib − C Language X Interface