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

```c
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XtNextEvent has been replaced by XtAppNextEvent.
XtPending has been replaced by XtAppPending.
XtPeekEvent has been replaced by XtAppPeekEvent.
XtProcessEvent has been replaced by XtAppProcessEvent.
XtMainLoop has been replaced by XtAppMainLoop.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