

NAME

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

SYNTAX

```
#include <X11/Intrinsic.h>

void XtNextEvent(XEvent *event_return);

Boolean XtPeekEvent(XEvent *event_return);

Boolean XtPending(void);

void XtProcessEvent(XtInputMask mask);

void XtMainLoop(void);
```

ARGUMENTS

| | |
|---------------------|--|
| <i>event</i> | Specifies a pointer to the event structure that is to be dispatched to the appropriate event handler. |
| <i>event_return</i> | Returns the event information to the specified event structure. |
| <i>mask</i> | 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. |

DESCRIPTION

XtNextEvent has been replaced by **XtAppNextEvent**.

XtPeekEvent has been replaced by **XtAppPeekEvent**.

XtPending has been replaced by **XtAppPending**.

XtProcessEvent has been replaced by **XtAppProcessEvent**.

XtMainLoop has been replaced by **XtAppMainLoop**.

SEE ALSO

XtAppNextEvent(3xt), XtAppPending(3), XtAppPeekEvent(3), XtAppProcessEvent(3), XtAppMainLoop(3)

X Toolkit Intrinsics – C Language Interface

Xlib – C Language X Interface