#### **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**

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.

# 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XtNextEvent has been replaced by XtAppNextEvent.

**XtPeekEvent** has been replaced by **XtAppPeekEvent**.

XtPending has been replaced by XtAppPending.

XtProcessEvent has been replaced by XtAppProcessEvent.

**XtMainLoop** has been replaced by **XtAppMainLoop**.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