

**NAME**

XtAppAddTimeOut, XtRemoveTimeOut - register and remove timeouts

**SYNTAX**

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

```
XtIntervalId XtAppAddTimeOut(XtAppContext app_context, unsigned long interval,  
    XtTimerCallbackProc proc, XtPointer client_data);
```

```
void XtRemoveTimeOut(XtIntervalId timer);
```

**ARGUMENTS**

- app\_context* Specifies the application context for which the timer is to be set.
- client\_data* Specifies the argument that is to be passed to the specified procedure when handling the callback.
- interval* Specifies the time interval in milliseconds.
- proc* Specifies the procedure that is to be called when time expires.
- timer* Specifies the ID for the timeout request to be destroyed.

**DESCRIPTION**

The **XtAppAddTimeOut** function creates a timeout and returns an identifier for it. The timeout value is set to *interval*. The callback procedure is called when the time interval elapses, and then the timeout is removed.

The **XtRemoveTimeOut** function removes the timeout. Note that timeouts are automatically removed once they trigger.

**SEE ALSO**

XtAppAddInput(3), XtAppAddSignal(3)  
*X Toolkit Intrinsics - C Language Interface*  
*Xlib - C Language X Interface*