

XtCallCallbacks, XtCallCallbackList, XtHasCallbacks – process callbacks

```
void XtCallCallbacks(w, callback_name, call_data)  
    Widget w;  
    String callback_name;  
    XtPointer call_data;
```

```
void XtCallCallbackList(w, callbacks, call_data)  
    Widget w;  
    XtCallbackList callbacks;  
    XtPointer call_data;
```

```
typedef enum {XtCallbackNoList, XtCallbackHasNone, XtCallbackHasSome} XtCallbackStatus;
```

```
XtCallbackStatus XtHasCallbacks(w, callback_name)  
    Widget w;  
    String callback_name;
```

callback_name Specifies the callback list to be executed or checked.

call_data Specifies a callback-list specific data value to pass to each of the callback procedure in the list.

callbacks Specifies the callback list to be executed.

w Specifies the widget.

The XtCallCallbacks function calls each procedure that is registered in the specified widget's callback list.

If *callbacks* is not NULL, **XtCallCallbackList** calls each of the callback procedures in the list, passing client data and *call_data*. The *callbacks* parameter must specify the contents of a widget or object resource declared with representation type **XtRCallback**.

The **XtHasCallbacks** function first checks to see if the widget has a callback list identified by *callback_name*. If the callback list does not exist, **XtHasCallbacks** returns **XtCallbackNoList**. If the callback list exists but is empty, it returns **XtCallbackHasNone**. If the callback list exists and has at least one callback registered, it returns **XtCallbackHasSome**.

XtAddCallback(3Xt)

X Toolkit Intrinsic – C Language Interface

Xlib – C Language X Interface