



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'XtPopdown.3'***

**C:\>man XtPopdown.3**

XtPopdown(3)                      XT FUNCTIONS                      XtPopdown(3)

### NAME

XtPopdown, XtCallbackPopdown - unmap a pop-up

### SYNTAX

```
void XtPopdown(Widget popup_shell);
```

```
void XtCallbackPopdown(Widget w, XtPointer client_data, XtPointer call_data);
```

```
void MenuPopdown(String shell_name);
```

### ARGUMENTS

call\_data Specifies the callback data, which is not used by this procedure.

client\_data

Specifies a pointer to the XtPopdownID structure.

popup\_shell

Specifies the widget shell to pop down.

shell\_name

Specifies the name of the widget shell to pop down.

w Specifies the widget.

## DESCRIPTION

The XtPopdown function performs the following:

- ? Calls XtCheckSubclass to ensure popup\_shell is a subclass of Shell.
- ? Checks that popup\_shell is currently popped\_up; otherwise, it generates an error.
- ? Unmaps popup\_shell's window.
- ? If popup\_shell's grab\_kind is either XtGrabNonexclusive or XtGrabExclusive, it calls XtRemoveGrab.
- ? Sets pop-up shell's popped\_up field to False.
- ? Calls the callback procedures on the shell's popdown\_callback list.

The XtCallbackPopdown function casts the client data parameter to an XtPopdownID pointer:

```
typedef struct {  
    Widget shell_widget;  
    Widget enable_widget;  
} XtPopdownIDRec, *XtPopdownID;
```

The shell\_widget is the pop-up shell to pop down, and the enable\_widget is the widget that was used to pop it up.

XtCallbackPopdown calls XtPopdown with the specified shell\_widget and then calls

XtSetSensitive to resensitize the enable\_widget.

If a shell name is not given, MenuPopdown calls XtPopdown with the widget for which the translation is specified. If a shell\_name is specified in the translation table, MenuPopdown tries to find the shell by looking up the widget tree starting at the parent of the widget in which it is invoked. If it finds a shell with the specified name in the pop-up children of that parent, it pops down the shell; otherwise, it moves up the parent chain as needed. If MenuPopdown gets to the application top-level shell widget and cannot find a matching shell, it generates an error.

#### SEE ALSO

XtCreatePopupShell(3), XtPopup(3)

X Toolkit Intrinsic - C Language Interface

Xlib - C Language X Interface

X Version 11

libXt 1.1.5

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