

XSetWMColormapWindows, XGetWMColormapWindows – set or read a window's WM_COLORMAP_WINDOWS property

Status **XSetWMColormapWindows**(*display*, *w*, *colormap_windows*, *count*)

```
Display *display;  
Window w;  
Window *colormap_windows;  
int count;
```

Status **XGetWMColormapWindows**(*display*, *w*, *colormap_windows_return*, *count_return*)

```
Display *display;  
Window w;  
Window **colormap_windows_return;  
int *count_return;
```

display Specifies the connection to the X server.

colormap_windows Specifies the list of windows.

colormap_windows_return Returns the list of windows.

count Specifies the number of windows in the list.

count_return Returns the number of windows in the list.

w Specifies the window.

The **XSetWMColormapWindows** function replaces the WM_COLORMAP_WINDOWS property on the specified window with the list of windows specified by the colormap_windows argument. If the property does not already exist, **XSetWMColormapWindows** sets the WM_COLORMAP_WINDOWS property on the specified window to the list of windows specified by the colormap_windows argument. The property is stored with a type of WINDOW and a format of 32. If it cannot intern the WM_COLORMAP_WINDOWS atom, **XSetWMColormapWindows** returns a zero status. Otherwise, it returns a nonzero status.

XSetWMColormapWindows can generate **BadAlloc** and **BadWindow** errors.

The **XGetWMColormapWindows** function returns the list of window identifiers stored in the WM_COLORMAP_WINDOWS property on the specified window. These identifiers indicate the color-maps that the window manager may need to install for this window. If the property exists, is of type WINDOW, is of format 32, and the atom WM_COLORMAP_WINDOWS can be interned, **XGetWMColormapWindows** sets the windows_return argument to a list of window identifiers, sets the count_return argument to the number of elements in the list, and returns a nonzero status. Otherwise, it sets neither of the return arguments and returns a zero status. To release the list of window identifiers, use **XFree**.

XGetWMColormapWindows can generate a **BadWindow** error.

WM_COLORMAP_WINDOWS The list of window IDs that may need a different colormap from that of their top-level window.

BadAlloc The server failed to allocate the requested resource or server memory. **BadWindow** A value for a Window argument does not name a defined Window.

XAllocClassHint(3X11), **XAllocIconSize(3X11)**, **XAllocSizeHints(3X11)**, **XAllocWMHints(3X11)**, **XFree(3X11)**, **XSetCommand(3X11)**, **XSetTransientForHint(3X11)**, **XSetTextProperty(3X11)**, **XSetWMClientMachine(3X11)**, **XSetWMIconName(3X11)**, **XSetWMName(3X11)**, **XSetWMProperties(3X11)**, **XSetWMProtocols(3X11)**, **XStringListToTextProperty(3X11)**

Xlib – C Language X Interface