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

**Status**

**XSetWMColormapWindows**(

  \textit{display, w, colormap_windows, count})

\begin{verbatim}
  Display *display;
  Window w;
  Window *colormap_windows;
  int count;
\end{verbatim}

**XGetWMColormapWindows**(

  \textit{display, w, colormap_windows_return, count_return})

\begin{verbatim}
  Display *display;
  Window w;
  Window **colormap_windows_return;
  int *count_return;
\end{verbatim}

\textit{display} \hspace{1em} Specifies the connection to the X server.

\textit{colormap_windows} \hspace{1em} Specifies the list of windows.

\textit{colormap_windows_return} \hspace{1em} Returns the list of windows.

\textit{count} \hspace{1em} Specifies the number of windows in the list.

\textit{count_return} \hspace{1em} Returns the number of windows in the list.

\textit{w} \hspace{1em} 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