
Subject: Re: Problems with CursorImage/Popups/Frames on X11

Posted by [mrjt](#) on Tue, 11 Dec 2007 11:45:04 GMT

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After some more experimentation I would advise against using this method, it's non-standard and KDE doesn't seem to cope with window redrawing very well.

There is some good news though . Did you know that if you call Popup on a TopWindow then mouse capture works correctly? I would guess that this is because of something happening in TopWindow::EventProc. There is still some sort of problem with the popup taking capture on opening but this may be either due to the special popup grabbing code or an error in my code. I've attached a modified version of my package to illustrate this (click OK on first window, then OK on the popup).

The only problem that remains is the persistence of the popup when the main window is minimised, but it seems that this shouldn't be too hard to fix.

Additionally, I believe there is a mistake in TopWindow::SyncCaption:

```
    if(GetOwner())
        wina[n++] = XAtom("_NET_WM_WINDOW_TYPE_DIALOG");
    if(tool)
        wina[n++] = XAtom("_NET_WM_WINDOW_TYPE_TOOLBAR");
    wina[n++] = XAtom("_NET_WM_WINDOW_TYPE_NORMAL");
```

should be:

```
    if(tool)
        wina[n++] = XAtom("_NET_WM_WINDOW_TYPE_TOOLBAR");
    if(GetOwner())
        wina[n++] = XAtom("_NET_WM_WINDOW_TYPE_DIALOG");
    wina[n++] = XAtom("_NET_WM_WINDOW_TYPE_NORMAL");
```

As the window types should be listed in order of preference the TOOLBAR type should go first.

James
