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

Posted by [mrjt](#) on Mon, 10 Dec 2007 16:37:33 GMT

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I've found a possible solution to this:

```
#define MWM_HINTS_DECORATIONS (1L << 1)
```

```
#define PROP_MWM_HINTS_ELEMENTS 5
```

```
typedef struct {
```

```
    uint32_t flags;
```

```
    uint32_t functions;
```

```
    uint32_t decorations;
```

```
    int32_t input_mode;
```

```
    uint32_t status;
```

```
} MWMHints;
```

```
...
```

```
    MWMHints mwmhints;
```

```
    Atom prop;
```

```
    memset(&mwmhints, 0, sizeof(mwmhints));
```

```
    prop = XInternAtom(Xdisplay, "_MOTIF_WM_HINTS", false);
```

```
    mwmhints.flags = MWM_HINTS_DECORATIONS;
```

```
    mwmhints.decorations = 0;
```

```
    XChangeProperty(Xdisplay, wnd.GetWindow(), prop, prop, 32, PropModeReplace,  
        (unsigned char *) &mwmhints,
```

```
        PROP_MWM_HINTS_ELEMENTS);
```

...This tells the Window Manager not to add decorations to the window which allows me to add my own without redirecting any events. It uses Motif hints, but these are allegedly supported by most WMs. It certainly works on KDE.
