Subject: X11App.cpp: GetKbdDelay()/GetkbdSpeed()
Posted by guido on Wed, 28 Jun 2006 18:49:55 GMT
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I noticed GetKbdDelay()/GetkbdSpeed() are only returning default values yet, so I gave it a go, equipped with the source of Xorg's xset utility.
It doesn't compile yet due to X11/XKBlib.h importing union structs, incompatible with C++. After getting it to compile, it should work alright.
I think the xkb is ubicituous enough that no extra PLATFORM_ variable needs to be introduced.

```
#include <X11/XKBlib.h>

static int xkbdelay = 660, xkbrate = (1000/40);

static void GetXkbControls()
{
  int xkbmajor = XkbMajorVersion, xkbminor = XkbMinorVersion;
  int xkbopcode, xkbevent, xkberror;
  XkbDescPtr xkb;

  if (XkbQueryExtension(Xdisplay, &xkbopcode, &xkbevent,
                        &xkberror, &xkbmajor, &xkbminor)
      && (xkb = XkbAllocKeyboard()) != NULL)
  {
     if (XkbGetControls(Xdisplay, XkbRepeatKeysMask, xkb) == Success)
     {
     xkbdelay = xkb->ctrls->repeat_delay;
     xkbrate = 1000/xkb->ctrls->repeat_interval;
     }
     XkbFreeKeyboard(xkb, 0, XTrue);
  }

}

int Ctrl::GetKbdDelay()
{
 GetXkbControls();
  return xkbdelay;
}

int Ctrl::GetKbdSpeed()
{
 GetXkbControls();
  return xkbrate;
}
```

PS:
What does upp use those methods for anyway?