
Subject: Re: GetNumLock and GetScrollLock functions [FEATURE REQUEST]

Posted by [mirek](#) on Fri, 14 Mar 2008 13:24:33 GMT

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Tom1 wrote on Fri, 14 March 2008 04:33Hi,

Please add GetNumLock and GetScrollLock functions to CtrlCore package. The required code for Windows is here:

CtrlCore.h:

```
...
#ifdef PLATFORM_WIN32
#ifdef PLATFORM_WINCE
bool GetShift();
bool GetCtrl();
bool GetAlt();
bool GetCapsLock();
bool GetNumLock(); // Added by Tom
bool GetScrollLock(); // Added by Tom
bool GetMouseLeft();
bool GetMouseRight();
bool GetMouseMiddle();
#else
inline bool GetShift()    { return !!(GetKeyState(VK_SHIFT) & 0x8000); }
inline bool GetCtrl()     { return !!(GetKeyState(VK_CONTROL) & 0x8000); }
inline bool GetAlt()      { return !!(GetKeyState(VK_MENU) & 0x8000); }
inline bool GetCapsLock() { return !!(GetKeyState(VK_CAPITAL) & 1); }
inline bool GetNumLock()  { return !!(GetKeyState(VK_NUMLOCK) & 1); } // Added by Tom
inline bool GetScrollLock() { return !!(GetKeyState(VK_SCROLL) & 1); } // Added by Tom
inline bool GetMouseLeft() { return !!(GetKeyState(VK_LBUTTON) & 0x8000); }
inline bool GetMouseRight() { return !!(GetKeyState(VK_RBUTTON) & 0x8000); }
inline bool GetMouseMiddle() { return !!(GetKeyState(VK_MBUTTON) & 0x8000); }
#endif
#endif

#ifdef PLATFORM_X11
bool GetShift();
bool GetCtrl();
bool GetAlt();
bool GetCapsLock();
inline bool GetNumLock(){ return false; } // Added by Tom
inline bool GetScrollLock(){ return false; } // Added by Tom
bool GetMouseLeft();
bool GetMouseRight();
bool GetMouseMiddle();
...

```

Win32Proc.cpp:

```
...
#ifdef PLATFORM_WINCE

bool GetShift() { return false; }
bool GetCtrl() { return false; }
bool GetAlt() { return false; }
bool GetCapsLock() { return false; }
bool GetNumLock() { return false; } // Added by Tom
bool GetScrollLock() { return false; } // Added by Tom

bool wince_mouseleft;
bool wince_mouseright;
...
```

I do not seem to be able to figure out how to do it in X, but I guess somebody else can...

// Tom

Well, but what is the point, if we cannot do it in X11?

(WinCE admittedly is another issue completely, as it has not keyboard usually).

Mirek
