
Subject: Re: K_CTRL_SEMICOLON and K_CTRL_PERIOD keys share the same constant value on Win32

Posted by [Oblivion](#) on Sun, 31 Jan 2021 11:07:07 GMT

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Hello Mirek,

I have further investigated the key handling on X11, and found that numpad virtual keycodes are not propagated properly:

Here is the current situation:

- When Numlock is ON, the characters corresponding to the numpad keys (0-9, +/*,) are dispatched. This is fine, nothing wrong here.
- However, when the same keys are pressed with CTRL or ALT modifier, they SHOULD send numpad keycodes, e.g, K_NUMPAD0-K_NUMPAD_9, and operators (K_ADD, K_SUBTRACT, etc.). This is the default behaviour of Upp on Windows and GTK (I don't have a Mac)
- But this is not happening on X11. Character codes are dispatched regardless of modifiers

So, I made a patch to remedy this problem. The patch, I believe, is at least a fix for some regression, if not an overall improvement in X11 key handling code.

Please review.

Best regards,
Oblivion

File Attachments

1) [CtrlCore.patch](#), downloaded 218 times
