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 X!!, and found that numpad virtual keycodes are not propagated properly:

Here is the current situation:

- When Numlock is ON, the characters corresponing 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.

Pleease review.

Best regards,
Oblivion

File Attachments
1) CtrlCore.patch, downloaded 213 times