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Subject: Re: K\_CTRL\_SEMICOLON and K\_CTRL\_PERIOD keys share the same constant value on Win32

Posted by [Oblivion](#) on Fri, 18 Dec 2020 17:12:23 GMT

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Hi,

I've attached the patch.

After further investigating, the problem turned out to be simpler to solve. The culprit seems to be `decode()`.

When `keySYM` is returned as default, it is truncated and the higher bytes were invalidated (filled with `0xff`).

Changing this:

```
keySYM = decode((int)event->xkey.keycode, 0xa, '1', 0xb, '2', 0xc, '3', 0xd, '4',  
              0xe, '5', 0xf, '6', 0x10, '7', 0x11, '8', 0x12, '9', 0x13, '0',  
              keySYM);
```

to this, solved the problem:

```
keySYM = decode((int)event->xkey.keycode,  
              0x0a, 0x31,  
              0x0b, 0x32,  
              0x0c, 0x33,  
              0x0d, 0x34,  
              0x0e, 0x35,  
              0x0f, 0x36,  
              0x10, 0x37,  
              0x11, 0x38,  
              0x12, 0x39,  
              0x13, 0x30, keySYM);
```

Best regards,  
Oblivion

## File Attachments

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1) [X11Proc.cpp.patch](#), downloaded 208 times

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