
Subject: [BUG] wParam casting in Ctrl::sProcessMSG

Posted by [Zbych](#) on Thu, 28 Nov 2013 07:55:46 GMT

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Hi,

There should be one more (or one less) casting of msg.wParam to int in Ctrl::sProcessMSG.
Right now when msg.wParam is bigger than 0x80000000, upp application crashes.

Version1:

```
void Ctrl::sProcessMSG(MSG& msg)
{
    if (msg.message == WM_HOTKEY) {
        if((int)msg.wParam >= 0 && (int)msg.wParam < Ctrl::hotkey.GetCount())
            //^^^^^^^^^^
            Ctrl::hotkey[(int)msg.wParam]();
        return;
    }
}
```

Version2:

```
void Ctrl::sProcessMSG(MSG& msg)
{
    if (msg.message == WM_HOTKEY) {
        if(msg.wParam < (unsigned)Ctrl::hotkey.GetCount())
            //^^^^^^^^^^
            Ctrl::hotkey[(int)msg.wParam]();
        return;
    }
}
```