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Subject: CodeEditor: CopyWord; SwapChars [FEATURE REQUEST][ADDED]

Posted by [gprentice](#) on Tue, 18 Apr 2006 11:50:21 GMT

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Hi

I've written CopyWord and SwapChars for CodeEditor coz these are things I use a lot. They seem to work (including when hard tabs are involved) - I tested them a little bit ... - but only on Win XP. Hopefully Mirek could consider adding them to CodeEditor.cpp, if he has time and wants to ... but if not, that's ok.

It took me longer than the ESC macro versions I wrote a while ago coz there isn't a nice help file of how to do everything like there is for ESC. Surprisingly, TheIDE is sometimes better at navigating UPP source than slickedit! (it's great to have Alt left, Alt right in TheIDE).

I don't know what the clipboard stuff is doing - I just copied the Copy() function. I notice that copying something in TheIDE results in four copies going to the clipboard because I have another editor (EditPlus) that allows me to monitor the clipboard and all copied stuff turns up 4 times in EditPlus

Graeme

```
void CodeEditor::CopyWord() {
    int p = GetCursor();
    if(iscid(GetChar(p)) || (p > 0 && iscid(GetChar(--p))))
    {
        int e = GetLength();
        int f = p;
        while(--p >= 0 && iscid(GetChar(p)));
        ++p;
        while(++f < e && iscid(GetChar(f)));
        WString txt = GetW(p, f - p);
        WriteClipboardUnicodeText(txt);
        WriteClipboardText(txt.ToString(), false);
    }
}
```

```
void CodeEditor::SwapChars() {
    int i = GetLine(cursor);
    int j = GetPos(i);
    if (j < cursor && (cursor-j) < line[i].GetLength())
    {
        int p = cursor;
        WString txt(GetChar(p-1),1);
        Remove(p-1,1);
        Insert(p, txt, true);
        PlaceCaret(p);
    }
}
```

```
}  
}
```

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Subject: Re: CopyWord; SwapChars  
Posted by [mirek](#) on Sun, 23 Apr 2006 12:57:43 GMT  
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Thanks. Just curious - how do you activate those functions? (hotkeys?)

As for 4 pieces on clipboard, that is quite believable - we are putting Unicode and "system page" versions, Win32 then automagically creates other formats from them.

Mirek

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Subject: Re: CopyWord; SwapChars  
Posted by [gprentice](#) on Sun, 23 Apr 2006 18:40:16 GMT  
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luzr wrote on Mon, 24 April 2006 00:57 Thanks. Just curious - how do you activate those functions? (hotkeys?)

As for 4 pieces on clipboard, that is quite believable - we are putting Unicode and "system page" versions, Win32 then automagically creates other formats from them.

Mirek

Oops, looks like I forgot  
if(IsReadOnly()) return;  
at the start of SwapChars.

I guess SwapChars would be better in LineEdit class anyway, since it's not C++ specific.

Nope, I have it hard coded in CodeEditor::Key at present. I didn't go to the trouble of hotkeys as I wasn't sure if this code would make it into upp sources. Of course I'd definitely like a hotkey option for it but I see that involves quite a few changes. I don't blame you for being reluctant to let people modify sources, especially CodeEditor - I don't think I even really want to. I was hoping it would be an easy thing to copy in from the code I posted.

Ideally, maybe something like an "Others" item on the Edit menu which would give sub-menu of Swap chars, copy word, move line up/down, upper case, lower case ...

Otherwise, I guess it could go in Ide::Key - I'm wondering why that uses editor (an AssistEditor) and not editor2 (CodeEditor) ??

BTW - if save file checked isreadonly() before writing, it would provide a mechanism for avoiding changing a file - currently if you make a change to a file, there's no way to prevent it going to disk other than Ctrl Z/undo. (just a thought)

Graeme

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Subject: Re: CopyWord; SwapChars  
Posted by [mirek](#) on Sun, 23 Apr 2006 19:36:16 GMT  
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Well, if I am about to add it, I would need to know actual keys

Mirek

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Subject: Re: CopyWord; SwapChars  
Posted by [gprentice](#) on Sun, 23 Apr 2006 21:16:25 GMT  
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luzr wrote on Mon, 24 April 2006 07:36Well, if I am about to add it, I would need to know actual keys

Mirek

Um, well, if it's hard coded, I'd probably vote for not adding it and I'll try and do it through Esc, but otherwise ...

In visual studio (and other editors too I think), Ctrl T is transpose chars, shift alt T is line transpose and ctrl shift T is word transpose, but Ctrl T is taken so I'd suggest Ctrl shift T for SwapChars (and I'll swap them over through IDE setup dialog). (I guess the function could be renamed TransposeChars too.)

For copy word, in Slickedit it's Ctrl K by default (VS doesn't seem to have it), so that would be my choice, but I guess Ctrl shift C is a possibility.

Suppose I wrote the code for Esc macros to have copy/paste - would you consider adding it

Graeme

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Subject: Re: CopyWord; SwapChars  
Posted by [mirek](#) on Thu, 27 Apr 2006 18:46:41 GMT

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Added. Actually, a good opportunity to add "Special" submenu

Mirek

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Subject: Re: CopyWord; SwapChars  
Posted by [gprentice](#) on Fri, 28 Apr 2006 08:29:29 GMT  
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Thanks. I use these a lot.

Graeme

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Subject: Re: CopyWord; SwapChars  
Posted by [gprentice](#) on Sat, 13 May 2006 11:04:14 GMT  
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Hi

In 605 RC1, The CodeEditor::SwapChars function should probably have  
if(IsReadOnly()) return;  
added at the start. This was something I forgot to do, but mentioned in a later post.

Graeme

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Subject: Re: CopyWord; SwapChars  
Posted by [mirek](#) on Sat, 13 May 2006 11:49:02 GMT  
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Thanks!

Mirek

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