Subject: RFC : my first ESC macros
Posted by gprentice on Sat, 10 Dec 2005 12:02:17 GMT
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I've written my first ESC macros for U++ !

ESC and the editor macro mechanism are very nice!!

After establishing that the IDE editor didn't have Find next word bound to Ctrl+F3 (the key I usually use for this) (ahaha), I went ahead and wrote my own. Then when I tried to bind it to Ctrl F3 I found that theIDE already had it! Darn! Oh well, my one works better anyway coz it wraps in the file

I would like to be able to use global variables to get persistent values but I don't know how. Also CopyWord and InsertLine don't work because they need clipboard access.
Also I'm wondering if I can have global is_wordchar().
Also a way to list existing key bindings would be nice!

Graeme

```
macro "Swap":"Swap Chars" Ctrl+Shift+T {
 pos1 = GetCursor();
 if (GetColumn(pos1)==0)
 {
    pos1 += 1;
        SetCursor(pos1);
 }
 s = Get(pos1);
 Remove(1);
 SetCursor(pos1-1);
 Insert(s);
 SetCursor(pos1);
}

// need some clipboard access for this to work
macro "Copy":"Copy Word" Ctrl+K {
 #:is_wordchar(ch) {
  return (ch >= 'A' && ch <= 'Z') ||
        (ch >= 'a' && ch <= 'z') ||
        (ch >= '0' && ch <= '9') || (ch == '_');
 }
 pos1 = GetCursor();
 s = Get(pos1);
 if (!is_wordchar(s[0]))
  return;
```

```
 MoveWordRight();
 MoveWordLeft();
   MoveWordRight(1); // select word
   // CopySelection();  // how do I do this? I know, I'll modify upp source!
}

// Intelligent line insert - moves cursor to col zero before pasting
// but needs clipboard access
macro "Insert":"Insert Line" Ctrl+Shift+L {
 pos1 = GetCursor();
 SetCursor(pos1 - GetColumn(pos1));
 // PasteClipboard();
}


// how do I use global variables to get persistent values?
macro "Find":"Find Next Word" Ctrl+Shift+W {
 #:is_wordchar(ch) {
  return (ch >= 'A' && ch <= 'Z') ||
         (ch >= 'a' && ch <= 'z') ||
         (ch >= '0' && ch <= '9') || (ch == '_');
 }
 pos1 = GetCursor();
 s = Get(pos1);
 MoveWordRight();
 if (!is_wordchar(s[0]))
  return;

 pos2 = GetCursor();
 MoveWordLeft();
 pos3 = GetCursor();
 s2 = Get(pos3, pos2 - pos3);
 MoveWordRight();
 if (Find(s2,1,0,0))
  MoveWordLeft();
 else {
    // wrap to top of file
    // BeepOnWrap(); !
  MoveTextBegin();
  if (Find(s2,1,0,0))
   MoveWordLeft();
  else {
     SetCursor(pos1); // unexpected!
     return;
  }
 }
 // would like to select the whole string here but it means
```

```
 // cursor moves off the word so next find doesn't work
 // - anyway, selection of one character seems ok
 pos4 = GetCursor();
 SetSelection(pos4, 1);
 // next time in I can use GetSelCount to tell whether a previous
 // find next word was done and if so, to search for the string already in s2
 // so that it doesn't extend the length of the word and fail to get back
 // to the original starting point which was a shorter word
}
```