Subject: Code Formating utility
Posted by yeus on Thu, 19 Apr 2007 15:21:52 GMT
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Well.. like they have it in Code::Blocks...

I would really LOVE to have that feature in UPP, too
I there anyone already working on it? If not.. It would be cool to have one working on it, because I myself don't have enough time right now, to do it....(I mean From what I undestand there already exists a Code Parser and such stuff...). (maybe you could even just copy the Sourcecode from Code::Blocks to UPP .

Gerrtings, Tom.

Subject: Re: Code Formating utility
Posted by mirek on Thu, 19 Apr 2007 19:38:46 GMT
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What it can do?

Mirek

Subject: Re: Code Formating utility
Posted by yeus on Thu, 19 Apr 2007 23:18:48 GMT
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Well...

With the code-formating utility you can format your code according to different standarts. It handles indendation of blocks, paragraphs, right placement for commentaries, whether curly brackets are placed directly behind a function declaration, or in the next line.
Spaces between variables in formulas and around operators. You can choose between tabs/spaces for indendation, and once I even saw the option for alphabetical ordering of classmembers, within a class declaration.

That feature came into my mind today, when I copy& pasted some code from another project into TheIDE. Because that other project used spaces and no tabs for indendation, TheIDE was not able to recognize the Blocks correctly, and messed something up with the colors. After I converted all the spaces into tabs, everything was alright. It was a lot of work though... And I like to have some "standardized" Form of Code.
 I also used to work with another guy together on a project who had a complete different formating style in his code. The code formating thing helped us a lot in that situation, because everyone of us would just reformat the code the way he liked it with just two mouseclicks.

Greetings, Tom

Subject: Re: Code Formating utility
Posted by ebojd on Fri, 20 Apr 2007 17:36:13 GMT
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It has been years since I used an automatic reformatter or beautifyer, but they can be useful

One potential option is to either write an interface or wrapper for one of them and set up the formatter as an auxiliary service. I took a moment and poked around a little and found the following LGPL projet on sourceforge that might do the trick:

http://astyle.sourceforge.net/

Many do not want to use GPL projects, but a wrapper that externally spawns or calls a reformatter should not interfere with the U++ license. On the other hand, there is likely one that has a more compatible licensing.

EBo --

Subject: Re: Code Formating utility
Posted by mirek on Sun, 22 Apr 2007 07:28:27 GMT
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Come on, we can *parse* C++ code, reformatting is much lesser task....

Mirek

Subject: Re: Code Formating utility
Posted by yeus on Sun, 22 Apr 2007 16:53:47 GMT
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does that sound like a public incitement ?

I'd actually be willing to do it, if you pointed me to the right classes (the C-parser related stuff, is there any documentation about the c-parser?). I guess i would just start a stand-alone project and after that you could integrate it somehow into theIDE (Shouldn't be too difficult since i'm thinkiing about doing it in its own dialog, maybe you could give me some restricitons, to make the integration easier.).

Greetings, Tom

Subject: Re: Code Formating utility
Posted by mirek on Sun, 22 Apr 2007 18:17:46 GMT
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http://www.ultimatepp.org/src$Core$CParser$en-us.html

Mirek

Subject: Re: Code Formating utility
Posted by ebojd on Mon, 23 Apr 2007 14:54:06 GMT
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yeus wrote on Sun, 22 April 2007 11:53does that sound like a public incitement ?

I'd actually be willing to do it, if you pointed me to the right classes

I'd say that sounds like a gauntlet being thrown down in the public square Tom, glad you have the time and energy to accept the challenge!

EBo --