
Subject: Better Skylark/witz error reporting via new CParser feature

Posted by [mirek](#) on Sat, 26 Apr 2014 10:00:11 GMT

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As mentioned in this thread:

http://www.ultimatepp.org/forums/index.php?t=msg&goto=42914&#msg_42914

Skylark was giving confusing error message when error was in included template or expanded macro (because the text originated in different file).

Also throwing the exception in that case was not perhaps the best possible scenario.

To resolve the issue, I have "invented" a special form of comment recognized by CParser, that, from lexical point of view, acts like whitespace, but changes the file and line and column info in CParser.

This block can be generated by

```
static String LineInfoComment(const String& filename, int line = 1, int column = 1);  
String GetLineInfoComment(int tabsize = 4) const;
```

functions and in text is simply begin-end delimited by CParser::LINEINFO_ESC = '\2'.

This is then used with witz to fix the error handling...