
Subject: Re: "(national) C compiler"

Posted by [kbyte](#) on Wed, 01 Apr 2009 10:50:59 GMT

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Yes, the third is the easier i think.

When i thought in macros approach will be replace all C and preprocessor using macros and it is not easy when some expression have spaces in the middle. I think that will always a parsing stage for macros too. Example:

```
abc.h
#define main_include "#include <stdio.h>"
#define main_func "int main(int argc, char**argv)"
#define bloc_b {
#define bloc_e }
```

Final program:

```
#include abc.h
```

```
main_include
main_func
bloc_b
bloc_e
```

And not compiles...

So, maybe the gcc lexical translation for C only language can make it.

(Sorry about my thoughts. I am not a C or C++ pro)

Kim