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Subject: Re: NTL and C4251

Posted by [jmansion](#) on Tue, 25 Apr 2006 14:06:21 GMT

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>Notice that grammar for C++ is already  
>defined and approved, so there is no  
>need for experiments with grammar!

I disagree. The grammar as defined cannot be implemented directly - it requires infinite lookahead to determine which symbols refer to types and which to variable declarations. There may be other issues too.

You need to transform it to one that can build a basic parse tree and then do a lot of the work subsequently, even in a plain class declaration. Personally I would value an ability to iterate cheaply at that stage, where I'm working with something that has a reasonable declarative correspondence to the ANSI 'grammar', rather than C++ code, but clearly YMMV.

James

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