
Subject: Parsing C -> Generating DLL/DLM
Posted by [Thomas Doering](#) on Wed, 26 Sep 2007 14:22:57 GMT
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Hey folks,

some months ago I started this little project. The task was (and is):

Parse a c-header for class and function declarations and generate a cpp-code and a dlm file. One should be able to compile the cpp instantly as DLL and use it in combination with the DLM as IDL-Interface for the declared classes and functions.

Well, a beta of the actual development state can be found here (<http://www.doering-thomas.de/page.php?seite=1&sub=6&lang=de>) under "genICET" ("generate Idl C Export Template").

This should parse header files, list every function or class definition and generates the cpp and dlm source. (Simple) Sample is included.

I hope it is usefull. For me it is ;-)

Note: The used C(++)-Parser is selfmade and, lets say, VERY ... "simple". Which means: Could be VERY buggy. If anyone can provide a better alternative (which is easy to handle, since I'm not quite a C(++)-expert) please let me know.

Greetings from Germany,
Thomas.

Subject: Re: Parsing C -> Generating DLL/DLM
Posted by [Thomas Doering](#) on Fri, 28 Sep 2007 07:08:48 GMT
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Hey,

at the first glance, swig seems to be promising.

As I said. The tool already works... and fine for me. Peronally I don't have any problems with the parser, but this may be due to my own programming style.

It would be great if someone could give any feedback on this. I know, there's a lot of work to do. And it would be great if I knew what work ;-)

Greetings,
Thomas.
