
Subject: C++ in IDL

Posted by [Tim-Oliver Husser](#) on Mon, 30 May 2005 20:30:34 GMT

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Hi,

this is my first posting here, so let me just say hello. :-)

I've got some small problem with IDL 6.0 and it would give me great pleasure, if someone could help me with that.

There is some heavy computation I have to do within IDL (running a genetic algorithm, so it's really pure number crunching) and I was thinking about porting that algorithm to C/C++ to call it via `call_external`. I assume, that the code would be much faster in C/C++, wouldn't it?

Now my problem: I do not really want to use ANSI C (I never ever want to use `malloc` again), and anyway C++ is my favorite programming language. But I cannot compile C++ code with `make_dll` and my experience in Linux programming is not that good (I'm just a windows programmer), so I do not know, how to compile the C++ code correctly. I tried something like this:

```
g++ -fPIC -I"path/to/idl/includes" -L"path/to/idl/libs" -lidl  
-D_REENTRANT test.cpp
```

But there seem to be missing a lot of libraries. I think that I can figure out by myself, which libraries I have to link to, but I do not really want to do this, before I know for sure, that it is really possible to call C++ libraries with IDL. I just don't want to do some useless work...

All the C++ code is enclosed in an `'extern "C" { }'`, so that should not be a problem I think.

Has anyone ever tried to do something like this and could help me?

thx,

Tim-Oliver
