
Subject: Re: C++ in IDL

Posted by [Rick Towler](#) on Tue, 31 May 2005 16:35:16 GMT

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Tim-Oliver Husser wrote:

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

Well hello there.

> 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?

It depends, but most likely yes. I would write a dlm, not use call external.

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

Sure. I wasn't sure I could write a C++ dlm so I wrote a simple test program, got that to work, and went from there. I can't comment on your linux particulars, but I can offer up this simple example which may or may not be of help. At any rate, this can be done so push on. The example files:

http://www.acoustics.washington.edu/~towler/programs/Mgc_vector.zip

Also, since I wrote this Ronn Kling has updated his book "Calling C from IDL" to include a chapter on calling C++. I would highly recommend picking this book up from his website <http://www.kilvarock.com>.

-Rick
