
Subject: Re: C++ in IDL

Posted by [Antonio Santiago](#) on Tue, 31 May 2005 06:37:31 GMT

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Tim-Oliver Husser wrote:

> 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

Hi I don't know almost anything using call_external and make_dll, right now I only try to modify an example on using WIDGET_STUB and extending IDL widgets.

What libraries seems to missing you? Perhaps you don't have installed correctly g++. What distribution do you use? depends on it, the necessary packages can differ. For example you can have installed the libraries to execute c++ programs but not have installed the headers to compile c++ programs.

Bye.

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