
Subject: Re: Connecting GPC to IDL

Posted by [Michael Galloy](#) on Sat, 11 Jun 2011 16:07:54 GMT

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kBob <krdean@gmail.com> wrote:

> On Jun 10, 7:52 am, Haje Korth <hajeko...@gmail.com> wrote:

>> Kelly: I have always found using gcc with IDL on Windows to be a
>> difficult endeavor. Also, the use of make_dll is optional and in the
>> past has made life more difficult rather than easier. I suggest
>> grabbing the free edition of Visual Studio Express and creating the
>> dll this way. Just remember to export the functions you will be
>> accessing from IDL. This is definitely an advanced topic, so start
>> with the simple examples in the external directory of the IDL distro.
>> Haje

>>

>> On Jun 9, 10:35 am, kBob <krd...@gmail.com> wrote:

>>

>>

>>

>>> On Jun 6, 2:11 pm, kBob <krd...@gmail.com> wrote:

>>

>>>> I would like to use the General Polygon Clipper (GPC) thur IDL.

>>

>>>> This is a software package written in C that is available from

>>>> Manchester that clips polygons.

>>

>>>> Has anyone implement this in IDL, already?

>>

>>>> I assume MAKE_DLL is the way to go.

>>

>>>> Kelly Dean

>>>> Milliken, CO

>>

>>> I am still looking into this, as time allows.

>>

>>> I ahve reviewed some different ways to implement this, I have

>>> determine that the following routines can be used :

>>

>>> LINKIMAGE

>>> SPAWN

>>> MAKE_DLL

>>> CALL_EXTERNAL

>>> CALL_EXTERNAL/MAKE_DLL

>>

>>> There is a nice example to use CALL_EXTERNAL/MAKE_DLL, but MAKE_DLL is

>>> giving me problems as I am trying to use the gcc compiler. There is a

>>> ITTVIS Tech Tip that helps, but another problem appears while dealing

>>> with the IDL example.

>>
>>> There is a GCP DLL provided thru the MatLab Contrib site. I am playing
>>> around with this in CALL_EXTERNAL, bypassing the MAKE_DLL.
>>
>>> Sorry, that this is turning into a blog, but I find it helps to scatch
>>> some notes down once in awhile for future reference.
>>
>>> Kelly Dean
>>> Milliken, CO- Hide quoted text -
>>
>> - Show quoted text -
>
> Yes, apparently the ITTVIS example assumes you have Microsoft Visual
> installed.
>
> Well, I spent most of the day installing Microsoft Visual C++ 10.0 and
> regist for the free version.
>
> So far, here are the problems I am having :
>
> cl.exe : Solution ?
> mspdb100.dll pop-up : Solution ?
> stdio.h 'no such file' : Solution ?
>
> I am sure the problems are related to path, as all these file are
> within the new install of MS Visual Studio 10.0.
>
> Kelly

Make sure to launch IDL from the special command line provided by VS (or
set your path and possibly other environment variables accordingly).

Mike

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www.michaelgalloy.com
Research Mathematician
Tech-X Corporation
