
Subject: Re: basic IDL_IDLBridge question

Posted by [Jim Pendleton](#) on Fri, 15 Aug 2014 21:23:41 GMT

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On Friday, August 15, 2014 12:22:35 PM UTC-6, rr...@stsci.edu wrote:

> On Friday, August 15, 2014 2:28:28 AM UTC-4, Ken G wrote:

>
>> An IDL_IDLBridge question, separate from all of the memory-leak headaches and whatnot.
(I'm on Mac OSX 10.9.4, and IDL 8.3.2)

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>> I'd like the bridge object to be able to run code from my own procedure libraries. But since it
launches without a startup file, my path and other variable definitions are not set up initially within
the Bridge.

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>> So, what are the best ways that people handle this: i.e. to point an IDL_IDLBridge to my
procedure libraries, in addition to the basic IDL functions?

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> Yngvar's got the right voodoo. But you might also worry about the current working directory. I
don't think that the IDL_IDLBridge "environment" knows the cwd (which you might want). So after
I issue Yngvar's command (or something nearly similar), I then issue something like

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> bridge->execute,'cd '+cwd

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>
> Just a tip,
>
> Russell

Here's another tip... There's a limited buffer size in the Execute method, one that's smaller than
that of the command line. If you set your !path not through preferences (I only use
<IDL_DEFAULT>) but through setups associated with your projects, you might find that some

directories go missing in your bridge process if you simply try to set `bridge->execute, '!path = "" + !path + ""`.

You can work around this by building `!path` in the bridge process in chunks.
