Subject: Re: How to look up the directory tree for calling external DLLs?
Posted by Michael Galloy on Wed, 02 Mar 2011 03:27:30 GMT

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On 3/1/11 7:11 PM, David Fanning wrote:
> James writes:
>
>> Does anyone know how to solve this problem? I messed around with
>> FILE_SEARCH and FILEPATH a bit, but they have not helped so far.
>> FILE_SEARCH has a and FILEPATH only works for files that are within
>> the IDL root folder.
>
> FILEPATH doesn't just work for files in the IDL root folder.
> Use the ROOT_DIR keyword to direct it anywhere you like.
>
> I find File_Resource_File handy for locating any kind of
> a file in any directory that is on the IDL path:
>
>   http://www.idlcoyote.com/programs/find_resource_file.pro

I agree that some type of routine like David's FIND_RESOURCE_FILE is
extremely useful. Also, note that you can expand notation like '~' and
'..' using FILE_EXPAND_PATH:

IDL> $pwd
/Users/mgalloy/projects/idllib/src
IDL> print, file_expand_path('../..')
/Users/mgalloy/projects

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