
Subject: Distributing DLM with a SAV file and COM wrapper

Posted by [srobbins99](#) on Thu, 09 Jun 2016 16:21:37 GMT

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Hi,

We build and distribute three IDL programs. All use a custom DLM. [Environment is IDL 8.0.1 on Windows 7 64-bit]

Two of the programs are simple .SAV files. Experimentally, we discovered that placing the DLM and DLL next to the SAV file works, although that is not a documented practice that I could find. Moreover, "Robbie" indicates this will only "occasionally work depending on the IDL version, OS, shell and environment variables" -- see

https://groups.google.com/d/msg/comp.lang.idl-pvwave/DtZK4m8_gnDY/sqpqg4xV7nwJ

The third program contains a COM wrapper. Naively placing the DLM/DLL in the same directory as the SAV file doesn't work in this case. It does work, of course, if I place the DLM/DLL somewhere in the IDL_DLM_PATH. But for isolation, I'd prefer not to have the DLM visible globally. Is there some way I can set the IDL_DLM_PATH specifically when the COM is instantiated? I'm aware there's an environment variable -- which is my last resort. But is there a way I can do it by placing a config file or something together with the SAV file?

Thanks,
-Steve
