
Subject: Re: Creating executable sav file

Posted by [Jim Pendleton](#) on Mon, 17 Jul 2017 19:20:26 GMT

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On Sunday, July 16, 2017 at 10:44:10 PM UTC-6, moxa...@gmail.com wrote:

> On Sunday, 16 July 2017 13:28:12 UTC-4, superchromix wrote:

>> On Sunday, July 16, 2017 at 9:51:46 AM UTC+2, moxa...@gmail.com wrote:

>>> Dear all,

>>>

>>> I am trying to develop my first standalone idl executable *.sav file and need your kind help. I have the mean program file mean_program.pro which calls different procedures and functions to do a specific calculation. For example, I have:

>>>

>>> mean_program.pro

>>> procedure_1.pro

>>> procedure_2.pro

>>> function_1.pro

>>> function_2.pro

>>>

>>> some of the procedures contain ENVI procedures/functions (e.g. ENVI_GET_ROI_DATA, ENVI_GET_DATA, etc.). In order to create the *.sav file, I complied the mean_program.pro and the other procedures and functions (procedure_1.pro, procedure_2.pro, function_1.pro, function_2.pro), and after that created a *.sav file called mean_program.sav. Now, I copied the file mean_program.sav alone in a second laptop which has idl only (no ENVI) and tried to execute it using the idl visual machine and got the following error message:

>>>

>>> "The following error was encountered: Attempt to call undefined procedure/function: 'MEAN_PROGRAM'. Please consult the supplier of the application".

>>>

>>> Not sure why I am getting this error, can you help please?

>>>

>>> Thank you,

>>>

>>> Muhamed

>>

>>

>> did you use the /ROUTINES keyword when you created the save file?

>

> I tried it with this keyword. However, I just found by chance that the problem is that I am trying to run the *.sav file in older version of IDL than the one in which the *.sav file was created.

>

> The *.sav file worked when I used new version of IDL but it requested to have ENVI. Do you know if there is a way to run a *.sav file which contains ENVI programming procedures in a computer machine having only IDL?

>

> Thank you a lot for the help,

>

> Muhamed

The answer is that you will need an ENVI Runtime license and installation, at a minimum, to be able to execute any compiled application that uses ENVI routines.

The ENVI product itself is not just an additional set of compiled SAVE-format files. There are also required DLLs from the installation.

Attempting to execute compiled IDL code that includes calls to ENVI routines will fail in the Virtual Machine.

Jim P.
