
Subject: Creating executable sav file

Posted by [moxament](#) on Sun, 16 Jul 2017 07:51:42 GMT

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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:

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mean_program.pro
procedure_1.pro
procedure_2.pro
function_1.pro
function_2.pro
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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

Subject: Re: Creating executable sav file

Posted by [markb77](#) on Sun, 16 Jul 2017 17:28:09 GMT

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

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

Subject: Re: Creating executable sav file
Posted by [moxament](#) on Mon, 17 Jul 2017 04:44:07 GMT
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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:
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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

Subject: Re: Creating executable sav file

Posted by [Helder Marchetto](#) on Mon, 17 Jul 2017 06:07:28 GMT

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Don't know a thing about envi, but make_rt might be worth trying until somewhere who actually knows stuff answers this :-)

http://www.harrisgeospatial.com/docs/CreatingDistributionUsingMAKE_RT.html

http://www.harrisgeospatial.com/docs/make_rt.html

The advantage of this approach is that the pc where you run this does not need to have IDL installed at all. This means that you might be able to get also to run ENVI.

Cheers, Helder

On Monday, July 17, 2017 at 6:44:10 AM UTC+2, 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:

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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:
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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.
