
usar no ENVI.

Posted by [Clovis Cechim](#) on Tue, 21 Feb 2017 23:46:39 GMT

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Olá, tenho algumas rotinas em IDL e preciso converte-las na extensão .sav para usa-las como ferramentas no ENVI. Qual é o procedimento ou programa que posso realizar este procedimento.

para usar no ENVI.

Posted by [Dick Jackson](#) on Wed, 22 Feb 2017 20:22:04 GMT

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On Tuesday, 21 February 2017 15:46:41 UTC-8, Clovis Cechim wrote:

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Google translates this as:

> Hello, I have some routines in IDL and need to convert them in the .sav extension to use them as tools in ENVI. What is the procedure or program that can perform this procedure.

Hi Clovis, (sorry, I can't reply in Portuguese!)

If your main routine that you want ENVI to call is "MyMainRoutine", then once you have compiled your IDL routines, do this:

```
IDL> RESOLVE_ALL
```

```
IDL> SAVE, /ROUTINES, FILE='mymainroutine.sav' ; Must be lower-case
```

Then, copy or move the mymainroutine.sav file to the save_add directory of your ENVI installation.

Some more information is here:

<http://www.harrisgeospatial.com/Learn/WhitepapersDetail/TabId/802/ArtMID/2627/ArticleID/9888/Customizing-ENVI-with-IDL.aspx>

I hope this is helpful! (Espero que isto seja útil!)

Cheers,
-Dick

Dick Jackson Software Consulting Inc.
Victoria, BC, Canada --- <http://www.d-jackson.com>

para usar no ENVI.

Posted by [Jim Pendleton](#) on Wed, 22 Feb 2017 22:29:58 GMT

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On Wednesday, February 22, 2017 at 1:22:06 PM UTC-7, Dick Jackson wrote:

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> Dick Jackson Software Consulting Inc.

> Victoria, BC, Canada --- <http://www.d-jackson.com>

I will add is that if you are calling any ENVI routines from within your .pro code, you will want to use the SKIP_ROUTINES keyword to RESOLVE_ALL otherwise you will end up with duplicate, and potentially conflicting versions of the routines ENVI will otherwise restore from its own SAVE files, especially if you transfer your own SAVE file between different versions of IDL and ENVI.

For example, if your code calls "e = envi(/current) & r = e.openraster('file')" you might use

RESOLVE_ALL, SKIP_ROUTINES = ['envi', 'enviraster', ...,]

The other side effect of (accidentally) including ENVI is that it can make your SAVE file very, very large due to the number of routines used within ENVI.

The most "modern" way to add your own code to ENVI is through a custom task. In addition to the link that Dick provided, see <http://www.harrisgeospatial.com/docs/TutorialCustomTasks.htm> I

Jim P.
