Subject: Re: Read Envi File under IDL and Display within TVSCL
Posted by David Fanning on Wed, 07 Nov 2007 18:37:49 GMT
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a.lucas@geolnet.net writes:

> I am looking for a method to read envi data programmatically with IDL
> but whitout using any "ENVI_OPEN_FILE" (and everything).
> I would like to read for instance two files (1/ DTM 2/ Sat. Image) and
> then get them in a single display called by something like TVSCL.
> Afterward, things gonna be tricky, I would like to get "GEO" linked
> between my both files. There are already georeferenced in the same
> sytem...but pixel resolution are not necessary the same. I thus have
> *.hdr for each.
>
> The final idea, is to developpe a Widget, which could allow user to
> determine ROI on the one of the two files and then get this ROI on the
> other.
>
> The ENVI-independant requierement, is for exporting code to plateforms
> without ENVI installed.

Well, good luck. What you have going for you is knowing that ENVI is written in IDL, so you know it is possible. What you may NOT have going for you is experience reading satellite data files, working with widgets and ROIs, writing programs that run on multiple platforms, etc. The reason most people shell out the big bucks for ENVI is that time is money. :-)

If you've got plenty of the former, then probably most of what you need to know can be found on the web site below or in one or another of the books referenced there. We might even be able to help here if you get to the point where you can come up with a specific question.

Cheers,

David

P.S. I presume you may be lacking in IDL experience because of the reference to TVSCL. That would be the *last* command I would think of using if I were going to be tackling something like this. :-)

--
David Fanning, Ph.D.
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Coyote's Guide to IDL Programming: http://www.dfanning.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")