Subject: Re: call ENVI menu routines
Posted by Maxwell Peck on Thu, 23 Sep 2010 08:23:13 GMT
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On Sep 23, 8:07 am, David Fanning <n...@dfanning.com> wrote:
> Maxwell Peck writes:
>> David,
>
>> Not to sound like a marketing rep for ITT but I do sometimes think
>> ENVI is often overlooked by the remote sensing IDL community in
>> general. Yes it is more expensive but how much is ones time worth? A
>> lot of the pain in the neck tasks you need to code in IDL (map
>> projections, file i/o etc) are one liners in ENVI and can be coded
>> generically for use with any dataset quickly.
>
> I suppose, although I never found it particularly intuitive
> to use. And I found it extremely difficult to learn to use
> the functionality on my own without someone to show me the
> ropes. And the one thing I needed to do DAILY (put continental
> outlines and grids on map projected images) seemed to take
> days and weeks in ENVI. Well, maybe not days and weeks, but
> putting continental outlines on an image of the sort we are
> talking about today, would take on the order of minutes in
> ENVI. Believe me, you never wanted to resize the image!
>
> (We showed this to an ENVI rep who was visiting, and he
> didn't know anything about it. Apparently, putting continental
> outlines on images is not something that is done by the remote
> sensing community. Go figure.)
>
>> Tiling and tiled
>> routines also let you use massive images efficiently without having to
>> stuff around.
>
> This is *certainly* true! Why aren't these routines available
> in IDL? As a marketing tool verses MatLab, it would be
> invaluable.
>
>> I do tend to find its quicker to code something quickly
>> that you can be reasonable confident is correct.
>
> Probably why I stick with IDL and its direct graphics. ;-)
>
> Cheers,
>
> David
>
> --

> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

David,

I'm sure you've covered this before but were the shapefiles you were
overlaying in the same projection as your image? I only mention this
because I often overlay large shapefiles on very big images and while
it can be a little bit slow sometimes i've never found it to be bad.

Max