## Subject: Re: Run envi routine in IDL Virtual MAchine Posted by rogass on Tue, 14 Dec 2010 11:26:21 GMT

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On 13 Dez., 10:32, Klemen <klemen.zak...@gmail.com> wrote:

- > Hi, I am using some of ENVI routines in my IDL tool for terrain
- > visualization. As far as I understood it is impossible o make a
- > version that functions in the IDL virtual machine or am I wrong is
- > there a way?

>

- > The ENVI routines I am using are:
- > envi get data
- > envi\_get\_projection
- > envi\_get\_map\_info

>

- > They make possible to read most georeferenced data. Especially the
- > first one is important because I have to read data somehow into IDL.
- > But I can make output without specifying the exact projection,
- > ellipsoid and geodetic datum; coordinates and resolution are
- > necessary. Thus ne second and the third routine are not so importnat.

>

- > Are the perhaps any IDL routines that can be used to read
- > georeferenced data in various formats (e.g GEOTIF, Imagine IMG, ESRI
- > ArcGrid, MrSID, etc.).

>

> Cheers, Klemen

## Hi Klemen,

you cannot use ENVI routines within the VM, but you can import and export Geotiff with full mapinfo by write\_tiff. Nevertheless, it's not a big deal to write and to read envi files since there are hdr-files where all the information,e.g., mapinfo is included. Reading and writing can be performed by using openr or by openw and writeu.

Cheers

CR

Subject: Re: Run envi routine in IDL Virtual MAchine Posted by David Fanning on Tue, 14 Dec 2010 13:07:14 GMT View Forum Message <> Reply to Message

## Klemen writes:

- > Are the perhaps any IDL routines that can be used to read
- > georeferenced data in various formats (e.g GEOTIF, Imagine IMG, ESRI
- > ArcGrid, MrSID, etc.).

You can use the Catalyst Library application ImgWin to read and automatically register GeoTIFF files:

http://www.dfanning.com/map\_tips/autogeoreg.html

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.")

Subject: Re: Run envi routine in IDL Virtual MAchine Posted by Klemen on Tue, 14 Dec 2010 15:01:12 GMT

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- > You can use the Catalyst Library application ImgWin
- > to read and automatically register GeoTIFF files:

>

> http://www.dfanning.com/map\_tips/autogeoreg.html

>

Thank you David, I will think of it. It looks like I will provide the user only a possiblity of using geotiff or envi files as input. Cheers, Klemen