
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 `writew`.

Cheers

CR

Subject: Re: Run envi routine in IDL Virtual MACHine
Posted by [David Fanning](#) on Tue, 14 Dec 2010 13:07:14 GMT
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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/>

Seppure 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 possibility of using
geotiff or envi files as input.

Cheers, Klemen
