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Subject: Re: idl call envi function, running with out ENVI?  
Posted by [Maxwell Peck](#) on Wed, 24 Aug 2011 06:53:09 GMT  
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On Aug 24, 1:26 pm, "wxfe...@gmail.com" <wxfe...@gmail.com> wrote:

```
> I just write a simple IDL program, while the major code write in IDL
> with some function of ENVI to speed up my programing.
>
> example:
> PRO test_read
>   COMPILE_OPT idl2
>   file_name = DIALOG_PICKFILE(/READ,FILTER='*.*)
>   ENVI_OPEN_FILE, file_name, r_fid=r_dem,/NO_REALIZE
>   IF (r_dem EQ -1) THEN RETURN
> END
>
> I hope to release this code running without ENVI, what should I do?
```

You must also have a `envi_get_data` in there somewhere if you're using IDL functions.

What you probably want to do (assuming you know the details of the dem format) is use the IDL `read_binary` function just to read it into an array.

Max

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Subject: Re: idl call envi function, running with out ENVI?  
Posted by [wxfei19@gmail.com](#) on Thu, 25 Aug 2011 00:44:44 GMT  
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On Aug 25, 8:13 am, "Jeff N." <jeffn Nettles4...@gmail.com> wrote:

```
> On Aug 23, 11:26 pm, "wxfe...@gmail.com" <wxfe...@gmail.com> wrote:
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> Are you asking how to read an envi file without envi running (ie,  
> using just idl)? If so that's easy, it's just a matter of the  
> specifics you need to achieve (ie, do you know the dimensions  
> beforehand?). Why don't you explain what you want to do a little  
> better...

yes I want to read an envi file and do some image process(using some  
envi function).

and I hope the code(released in exe or other format) could run on the  
other computer without envi installed.

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Subject: Re: idl call envi function, running with out ENVI?  
Posted by [Maxwell Peck](#) on Thu, 25 Aug 2011 07:01:09 GMT  
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On Aug 25, 10:44 am, "wxfe...@gmail.com" <wxfe...@gmail.com> wrote:

> On Aug 25, 8:13 am, "Jeff N." <jeffnettles4...@gmail.com> wrote:

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>  
>  
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> other computer without envi installed.- Hide quoted text -

>  
> - Show quoted text -

Unless something is changed this is not possible. You need to use IDL functions only (which may or may not be straightforward).

Max

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Subject: Re: idl call envi function, running with out ENVI?  
Posted by [Michael Galloy](#) on Thu, 25 Aug 2011 17:24:30 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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On 8/24/11 6:44 PM, wxfei19@gmail.com wrote:

```
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> other computer without envi installed.
```

It's possible to do the \*equivalent\* of what ENVI is doing using IDL (ENVI is written in IDL after all), but you have to have ENVI to use ENVI functions.

Mike

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Michael Galloy

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Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>  
Research Mathematician  
Tech-X Corporation

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