
Subject: Re: Programmatically subset one image using ENVI routines.
Posted by [txominhermos](#) on Tue, 08 Aug 2006 19:42:34 GMT
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Your are right Jeff. IDL just hangs up and nothing happens.

if I try saving the whole image:

```
ENVI_OUTPUT_TO_EXTERNAL_FORMAT, dims = [-1, 0, ns-1, 0,nl-1], /TIFF,  
FID=fid,$  
    pos=pos, out_name='c:\cir.tif'
```

it works properly, and the ENVI's processing window appears. So I think
that I the way that I wrote is not the correct. Has someone done a
subset before?

thanks again

-txo

Jeff N. ha escrito:

```
> Perhaps you should post the error message it gives you, that would be  
> helpful. Or, if it doesn't give you an error, but the results are not  
> what you expect, explain how the results are different.  
>  
> Jeff  
>  
>  
> txominhermos@gmail.com wrote:  
>> Hi mates, I have a big image, so I just can use ENVI routines to avoid  
>> the RAM memory saturation. I would like to subset an image with a given  
>> pixel coordinates.  
>>  
>> I would like to output the image to TIFF, so I have tried to do it  
>> directly:  
>>  
>>  
>>  
>> ENVI_OUTPUT_TO_EXTERNAL_FORMAT, dims = [-1, min_s, max_s-min_s+1,  
>> min_l, max_l-min_l+1], /TIFF, FID=fid,$  
>>    pos=pos, out_name='c:\cir.tif'  
>>  
>>  
>> where min_s, max_s, min_l, max_l are the pixels which are limits to  
>> perform the subset.
```

>>
>> I thought that I had to indicate the limits in DIMS, but it seems not
>> to work.
>>
>> Do you know how to do it? I don't mind use ENVI_WRITE_ENVI_FILE if it
>> is not possible with ENVI_OUTPUT_TO_EXTERNAL_FORMAT.
>>
>>
>> Thanks for your attention
>>
>>
>>
>> -txomin
