Subject: Re: divise image envi-idl
Posted by jeffnettles4870 on Tue, 18 May 2010 19:22:39 GMT
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On May 18, 3:03 pm, jeanh
<jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
> On 18/05/2010 1:50 PM, tonino wrote:
>
>> Thank you very much Jean,
>
>> I'm sure those advices will be useful for the next step. For now, the
>> problem concerns the line :
>
>> result = image[i:i+((NSimage/5)-1),j:j+((NLimage/2)-1),0:NBimage-1]
>
>> the error message is :
>
>> Subscript range values of the form low:high must be>= 0,< size, with
>> low<= high: IMAGE.
>> % Execution halted at: TUILAGE   18 C:\Documents and Settings
>> \Administrateur\Mes documents\tuilage.pro
>
> try to print these values... It it probably happening for your last i
> and/or j in the loop. Are you sure than NS is a multiple of 5 and NL of
> 2? if not, you can prepare your index before doing the subscript:
> subNS = (i+((NSimage/5)-1)) < (NSimage-1)
> subNL = (j+((NLimage/2)-1)) < (NLimage-1)
> result = image[i:subNS,j:subNL,0:NBimage-1]
>
> be sure, when you save the result with envi_write_envi_file, to compute
> the proper ns and nl!
>
> Jean
>
>
>
>> and it still comes if I change the data type or if I transform the
>> variable 'result' into a float array...
>
>> I think I don't write the terms of the loop properly
>
>> ... if you have an idea.
>
>> thanks again for your answer
>> nestonino
>
>

Also, the variable named 'image' is not actually holding image data,
it's holding a string that's the path to the file. You need to read
the image data into memory if you want to subscript it this way. You
might eventually think about better ways to do what you want than a
double for-loop like you're doing, but for now, your first problem is
to get the data into memory.