Subject: Re: an envi question- extracting the pixel values of seveal points with lat-lon values
Posted by Jean H. on Tue, 31 Oct 2006 20:39:56 GMT
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I think 'gis_learner' wanted the value on the different images.... not
only the coordinate of the point. So once the image is opened and the XY
coordinated obtained, I would go for ENVI_GET_DATA ... you can loop
through your points, setting DIMS accordingly.

Jean

PS: and the whole code remains small :-)

 > Holy cow!! That's a lot of code! This works for me, if i understand the
> original poster's problem correctly:
>
> pro junk
>
>   ;open bhtmref.img that comes with ENVI.
>   fname = 'C:\Program Files\RSI\IDL62\products\ENVI42\data\bhtmref.img'
>   envi_open_file, fname, r_fid = fid
>
>
>   ;use pixel locator to find map coords for pixel
>   ;at file coords 242,195 (picked at random).
>   ;They are:
>   e = 282015.00
>   n = 4901085.00
>
>   envi_convert_file_coordinates, fid, xf, yf, e, n
>   print, xf+1, yf+1   ;should print 242, 195
>
> end
>
>
> Here's the output:
>
> Compiled module: JUNK.
> ENVI> junk
>   242.00000   195.00000
>
> Seems about right to me :)
>
> Jeff
>