On 30 Sep., 11:39, Allard de Wit <allard.de...@wur.nl> wrote:
> woods1 wrote:
>> Hi,
>> i have a problem.
>> i try this: img = envi_get_data(fid=De_fid, dims=dims,pos=pos), but i
>
> Hi,
>
> Using ENVI_Get_Data() on such large images is really a bad idea.
> Trying to read the whole image will take more then 2Gb of memory (in
> case of 8bit data) and you will have trouble to fit it in memory on
> any 32 bit operating system.
>
> What you should do instead is use ENVI's tiling mechanism to read your
> image in chunks and loop over the number of tiles. Then resample each
> tile to be able to display it (or do whatever processing you want) and
> stitch the results together. So in pseudo code it should look like
> this:
>
> tile_ID = ENVI_Init_Tile(File_ID, NUM_TILES=num_tiles,
> INTERLEAVE=1, ...)
> FOR i=0L, num_tiles-1 DO BEGIN
>   data = ENVI_Get_Tile(tile_ID)
>   <processing data goes here>
> ENDFOR
> ENVI_Tile_Done, tile_ID
>
> Setting INTERLEAVE=1 ensures that you read your file line by line. It
> may be more efficient to use INTERLEAVE=0 but then you need to write
> some logic that handles the size of the tile that ENVI_Get_Tile
> returns, which depends on you memory settings.
>
> Hope this helps.
>
> Allard

My question is, what are the processing data here, when i will display
an image?

thank you