
Subject: Re: Writing JPEG2000 file
Posted by [Haje Korth](#) on Thu, 08 Sep 2005 12:03:00 GMT
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Raval,

If displayed on a single monitor, the image will not reflect the resolution of the data set and therefore you can safely use 'rebin' to turn the data into a 1000x1000 array, which in turn should work with your code. If this resolution is insufficient, try tiling the image.

Haje

<raval.chintan@gmail.com> wrote in message
news:1126087454.579398.30090@g44g2000cwa.googlegroups.com...

```
> Hello,
>
> I want to generate the JPEG2000 file from the tiff file which is
> containing 20000 samples and 20000 lines, I am writing the following
> code.
>
>
>   jp2filename = 'abc'
>   Data = read_tiff('c:\satellite.tif')
>   imageDims = Size(data,./Dimension)
>
> ; Prepare JPEG2000 object property values.
> ncomponents = 3
> nLayers = 20
> nLevels = 6
> offset = [0,0]
> jp2TileDims = [1024, 1024]
> jp2TileOffset = [0,0]
> bitdepth = [8,8,8]
>
> ; Create the JPEG2000 image object.
> oJP2File = OBJ_NEW('IDLffJPEG2000',jp2filename , WRITE=1)
> oJP2File->SetProperty, N_COMPONENTS=nComponents, $
>   N_LAYERS=nLayers, $
>   N_LEVELS=nLevels, $
>   OFFSET=offset, $
>   TILE_DIMENSIONS=JP2TileDims, $
>   TILE_OFFSET=JP2TileOffset, $
>   BIT_DEPTH=bitDepth, $
>   DIMENSIONS=[imageDims[1],ImageDims[2]]
>
>
> oJP2FILE->SetData, Data
```

> OBJ_DESTROY, oJP2FILE

>

>

>

> Now the problem is that IDL 6.2 is unable to allocate the memory for
> storing the data.

>

> Is there any other way to do this? If yes Then How one can do it?

>

> Thanks In Advance.

>

> Chintan Raval.

>
