
Subject: Writing JPEG2000 file

Posted by [raval.chintan](#) on Wed, 07 Sep 2005 10:04:14 GMT

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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.

