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Subject: Re: jpeg2000

Posted by [David Fanning](#) on Wed, 29 Jul 2009 13:05:32 GMT

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Preeti writes:

> i need to convert my jpg files into jpeg2000 format that stores its  
> coordinate information also. Can anybody guide me how to do this.

1. Read your JPEG file and the image.
2. Code your coordinate information up in XML format.
3. Write your JPEG2000 file, adding the coordinate information via an XML box (use the XML keyword and set the JP2 keyword to 1).
4. Give your JPEG2000 file a "jp2" file extension.

As far as how to do step 2 goes, IDL leaves you pretty much on your own. The Digital Imaging Group's DIG35 Initiative looks like a likely place to find an XML example:

<http://xml.coverpages.org/dig35overview.pdf>

I poked around a little bit this morning, but didn't find exactly what I was looking for. If you find a good example, please report back to us. :-)

This paper might provide some clues:

[http://www.bgbm.org/TDWG/acc/Documents/DIG35-v1.1WD-010416.p df](http://www.bgbm.org/TDWG/acc/Documents/DIG35-v1.1WD-010416.pdf)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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