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 informatiom 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

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.")