
Subject: JPEG2000 compression

Posted by [Roberto Monaco](#) on Tue, 12 Apr 2005 17:48:47 GMT

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I have a question regarding JPEG2000:

How do you control compression ratio when you save an image as JPEG2000 using the IDL object?

The following is curious: within a Photoshop plug-in I use to save JPEG2000 images, "they" define a compression factor. If I save the same image with different compressions ratios (e.g. 1:1, 1:10, 1:40) I obviously get big differences in the resulting file sizes. But if you read these files into IDL objects, surprisingly all properties are exactly the same!! Same dimensions for the data array, same bit_depth, same number of layers, etc. ?? This does not make any sense to me ... I must be overlooking at something stupid?

Thanks for any tips.

Roberto

Subject: Re: jpeg2000 compression

Posted by [Jean H.](#) on Wed, 13 May 2009 13:21:31 GMT

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> I
> also gave tiling a try, with various sizes of tile_dimensions. This
> had
> little effect. Smaller tiles actually resulted in a slightly larger
> jp2.

the tiles should only have an effect on the amount of memory required to decode the image

Jean
