
Subject: Re: JPEG2000 compression

Posted by [Rick Towler](#) on Wed, 13 Apr 2005 16:24:10 GMT

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Roberto Monaco wrote:

> I have a question regarding JPEG2000:

>

> How do you control compression ratio when you save an image as JPEG2000

> using the IDL object?

Looks like the N_LEVELS property.

> 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?

Well, I know nothing about JPEG2000 but I would hope that all of the properties that you have specified *would* be identical. The only property that should change would be the compression factor. Don't know where that would be though. Maybe the N_LEVELS property again? Don't know if that would be set after reading a file or if it only applies to writing.

-Rick
