
Subject: Re: Lossless JPG Decompression
Posted by [David Fanning](#) on Mon, 28 Oct 2002 14:54:32 GMT
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Jaynie Padayachee (jpadayachee@bonbon.net) writes:

> I'm looking for lossless JPG decompression code for IDL.

I think this is called TIFF. :-)

Cheers,

David

P.S. You might be interested in why JPEG files *can't* be lossless:

<http://www.prepressure.com/techno/compressionjpeg.htm>

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Lossless JPG Decompression
Posted by [Rick Towler](#) on Mon, 28 Oct 2002 19:52:06 GMT
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"David Fanning" <david@dfanning.com> wrote

> Jaynie Padayachee (jpadayachee@bonbon.net) writes:

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I think you need to read your reference, David. As stated at the bottom of the page, JPEG 2000 offers a lossless compression mode.

If Jaynie, you are in fact looking for an implementation of the JPEG 2000 standard for IDL I think you might be out of luck. But if you are, as David assumed, just looking for a lossless image format then you have a few options in IDL. TIFF, as David mentioned, is supported in IDL although the LZW compression mode was excised in 5.4(?). This can be limiting if you are reading in images created in another application (there are workarounds...) 24-bit PNG files may work for you too.

-Rick
