
Subject: Lossless JPG Decompression

Posted by [Jaynie Padayachee](#) on Mon, 28 Oct 2002 14:36:54 GMT

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

Jaynie

jpadayachee@cyclops.und.ac.za

Subject: Re: Lossless JPG Decompression

Posted by [rmw092001](#) on Wed, 30 Oct 2002 02:13:07 GMT

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"Rick Towler" <rtowler@u.washington.edu> wrote in message
news:<[apk4lo\\$23qg\\$1@nntp6.u.washington.edu](mailto:apk4lo$23qg$1@nntp6.u.washington.edu)>...

> "David Fanning" <david@dfanning.com> wrote

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

>>

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

>>

>> I think this is called TIFF. :-)

>>

>

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

>> lossless:

>>

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

>>

>

> 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

Surely the answer is just READ_JPEG ? :)

(the writer asked for decompression, not compression code)

READ_JPEG will decompress jpeg files in IDL, without losing any
information that is in the file. :)
