
Subject: Re: Problem with MJ2 extension

Posted by [Mark\[1\]](#) on Sun, 25 May 2008 23:06:00 GMT

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On May 24, 4:16 pm, tarequea...@gmail.com wrote:

> Hello IDL gurus,

>

> I am having some trouble regarding '.mj2' extension. I have couple of

> '.gif' files and by using IDLffMJPEG2000

> I can get some nice animation. But the fun just ends there. I need to

> have these on a more 'portable' formats as in : avi, mpeg, mov etc. A

> little searching on the net did not bring anything home.

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> I was hoping to get some pointers on how to convert these mj2's avi/

> mpeg/ mov etc.

For now, writing MJPEG-2000 animations is a waste of time because there's very little software to play the file or convert it to something else. You're better off writing from IDL straight to the format you want. There's some discussion on this right now on a thread entitled "animated png: a new format for scientific animations".

In addition to being poorly supported, MJPEG-2000 suffers another limitation that makes it not very good for scientific animations: it fails to make any use of inter-frame compression methods. This means the files are much larger than they need to be.

Subject: Re: Problem with MJ2 extension

Posted by [Haje Korth](#) on Tue, 27 May 2008 12:14:56 GMT

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I agree that the MJ2 format is still poorly supported. But the fact that no inter-frame compression is used is THE advantage of the format. This way each image accurately represents the underlying scientific dataset and individual images are not smeared by the codec algorithm. It is accuracy that matters, not file size!

Haje

"Mark" <mark.hadf@gmail.com> wrote in message

news:f8abc45e-0628-4f6a-96d7-a35715f5c63a@v26g2000prm.google groups.com...

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Subject: Re: Problem with MJ2 extension
Posted by [wgallery](#) on Tue, 27 May 2008 13:58:10 GMT
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On May 25, 7:06 pm, Mark <mark.h...@gmail.com> wrote:
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FYI:

MJPEG-2000 files can be played on MS Media Player if you install the M-JPEG codec V3 from Morgan Multimedia

<http://www.morgan-multimedia.com/index.htm>

Note: it says that this is a trial version that expires Oct, 2007, but it still runs after popping a reminder window.

Bill Gallery
Atmospheric and Environmental Research, Inc.
Lexington, MA

Subject: Re: Problem with MJ2 extension
Posted by [tarequeaziz](#) on Tue, 27 May 2008 22:00:30 GMT
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On May 25, 7:06 pm, Mark <mark.h...@gmail.com> wrote:

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Mark, thanks a lot for the suggestion....!!!
