
Subject: Re: write JPEG

Posted by [davidf](#) on Mon, 15 Jan 2001 15:10:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

Michael Prinzler (michael.prinzler@tu-cottbus.de) writes:

> How can I specify the resolution 72dpi (default) to 300 dpi while storing an
> image with write_jpeg?

You can't specify the resolution when you write the file,
but you can save the size of the image you write. You
don't say what kind of display you are using, so I'll
use as an example TVREAD from my web page, which doesn't
care.

<http://www.dfanning.com/programs/tvread.pro>

Read the image from the display window:

```
image = TVREAD()
```

I presume this is a 24-bit image (i.e., that you are using
a 24-bit graphics card), but if it is not, you have to make
it one, since this is what WRITE_JPEG expects. (If you need
help, there are articles on my web page that should you how
to do this. For example: <http://www.dfanning.com/tips/jpeg.html>.)

So the factors we are looking for, assuming a pixel
interleaved image, are:

```
s = Size(image, /Dimensions)
newx = Round(300.0 * s[1] / 72)
newy = Round(300.0 * s[2] / 72)
```

So,

```
highResImage = Congrid(image, 3, newx, newy, /Interp)
```

And then write it:

```
Write_JPEG, 'myfile.jpg', highResImage, True=1
```

> and (if you are veeery kind) :
> what means "No application/appld is present for use with LIVE_EXPORT."?
> This error message appears, if I start this (test)-code :
> pro live
> device,retain=2,decomposed=0
> window,1, Title = 'test'

```
> a=dist(512)
> tv,a
> live_export,Filename='test'
> wdelete,1
> end
```

Don't know. I don't use the Live Tools. And I can't make out from the program exactly what it is you are trying to do. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155
