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Subject: Re: Incomplete output PNG files.

Posted by [David Fanning](#) on Thu, 15 Dec 2011 14:23:18 GMT

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alx writes:

```
> I agree. RESOLUTION keyword is a solution, but the (true or implicit)
> window size also plays some role. For an original image of size
> 2224x1124 and PNG output(from p=image(DIMENSIONS=...) &
> p.save,BUFFER=...,RESOLUTION=...), I find:
> BUFFER=1, RESOLUTION=96, DIMENSIONS=[800,600] -> FILE SIZE = 99 kB
> BUFFER=1, RESOLUTION=300, DIMENSIONS=[800,600] -> FILE_SIZE = 290
> kB
> BUFFER=1, RESOLUTION=600, DIMENSIONS=[800,600] -> FILE SIZE = 488
> kB
> BUFFER=1, RESOLUTION=600, DIMENSIONS=[640,512] -> FILE SIZE = 423
> kB
> BUFFER=1, RESOLUTION=600, DIMENSIONS=[1024,768] -> FILE_SIZE = 602
> kB
> BUFFER=0, RESOLUTION=600, DIMENSIONS=[640,512] -> FILE SIZE = 423
> kB
> BUFFER=0, RESOLUTION=600, DIMENSIONS=[800,600] -> FILE SIZE = 408
> kB
> BUFFER=0, RESOLUTION=600, DIMENSIONS=[1024,768] -> FILE_SIZE = 602
> kB
> Note the (strange ?) difference between BUFFER=0 and 1 for
> DIMENSIONS=[800,600]
```

Yes, I'm confused about just what "resolution" means in this context. Even more confusing is why Coyote Graphics files seem to be smaller in overall file size, while consistently larger in image dimensions. I'm guessing "resolution" must be one of those things that is in the eye of the beholder. :-)

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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