
Subject: Re: image size

Posted by [David Foster](#) on Thu, 18 Sep 1997 07:00:00 GMT

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Peter Suetterlin wrote:

>

> In article <34200F01.C40@ndsi.ibb.ch>,

> Nicolas Stern <ih6stn@ndsi.ibb.ch> writes:

>

>> Now, when I open the test.tif image with an image processing soft (PSP,
>> v4.0), the image size is 491*491 ! Saving a 512*512 byte array as a
>> grayscale image doesn't produce a similar artefact ! (I suppose the
>> problem does not come from IDL.)

I've noticed a similar problem saving .tif files in IDL and trying to read them in PowerPoint (PC Windows, ugghh!). The dimensions get screwed up. Perhaps this is a peculiarity with the .tif image format.

Our system is Solaris 2.5, IDL 5.0 (noticed this with 4.0.1 also).

Anyone else have this problem?

Dave

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Subject: Re: image size

Posted by [Nicolas Stern](#) on Thu, 18 Sep 1997 07:00:00 GMT

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Thanks for the answer !

In the meantime: the artefact must be a Paint Shop Pro - specific effect: the same file has the correct dimension when opened with some other image processing tool (AdobePhotoshop).

BTW , I'm running IDL5.0 under NT4.0. The syntax specifications (write_tiff, []) are new in IDL5.0.

Subject: Re: image size
Posted by [pit](#) on Thu, 18 Sep 1997 07:00:00 GMT
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In article <34200F01.C40@ndsi.ibb.ch>,
Nicolas Stern <ih6stn@ndsi.ibb.ch> writes:
> Did anyone see something similar happen :
> I use write_tiff to save arrays as true color image.
>
> array_1=bytarr(512,512)
> array_2=bytarr(512,512)
> array_3=bytarr(512,512)
> array_1[:,*]=255
> array_2[:,*]=10
> array_3[:,*]=10

you mean array_?(*,*)

> WRITE_TIFF, 'test.tif',
> RED=array_1, GREEN=array_2, BLUE=array_2, PLANARCONFIG = 2

I assume you use tiff_write!?

> Now, when I open the test.tif image with an image processing soft (PSP,
> v4.0), the image size is 491*491 ! Saving a 512*512 byte array as a
> grayscale image doesn't produce a similar artefact ! (I suppose the
> problem does not come from IDL.)

Tested it (Linux, IDL 4.0, viewer XV). No problems at all, correct
sizes and correct color.
What System are you using?

Peter

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Come and see the stars! <http://www.kis.uni-freiburg.de/~ps/SFB>
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Subject: Re: image size
Posted by [pit](#) on Fri, 19 Sep 1997 07:00:00 GMT

In article <342128D8.195E@ndsi.ibb.ch>,
Nicolas Stern <ih6stn@ndsi.ibb.ch> writes:

> Thanks for the answer !

>

> In the meantime: the artefact must be a Paint Shop Pro - specific
> effect: the same file has the correct dimension when opened with some
> other image processing tool (AdobePhotoshop).

>

> BTW , I'm running IDL5.0 under NT4.0. The syntax specifications

> (write_tiff, []) are new in IDL5.0.

Ooops, just recognized that. Pretty way of writing not backward
compatible code :-(

FVIW, I tested again (Solaris 2.4, IDL 5.0, XV) and its OK, too.
So it's really a problem of PSP (and obviously PowerPoint, as Dave seems
to have the same problem).

Peter

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