
Subject: Re: plotting graphics for web pages
Posted by [Justus Skorps](#) on Sat, 10 May 2008 15:32:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

when I need pics for webpages I plot to z buffer, then grab the image with tv and save it as png...not the best method but works fine enough for me..

Subject: Re: plotting graphics for web pages
Posted by [Vince Hradil](#) on Sat, 10 May 2008 15:43:50 GMT
[View Forum Message](#) <> [Reply to Message](#)

On May 10, 10:32 am, Justus Skorps <ju...@gmx.de> wrote:
> when I need pics for webpages I plot to z buffer, then grab the image
> with tv and save it as png...not the best method but works fine enough
> for me..

I don't know, sounds like the best method to me 8^)

Subject: Re: plotting graphics for web pages
Posted by [russ\[1\]](#) on Sat, 10 May 2008 16:04:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 10 May, 16:32, Justus Skorps <ju...@gmx.de> wrote:
> when I need pics for webpages I plot to z buffer, then grab the image
> with tv and save it as png...not the best method but works fine enough
> for me..

that's fantastic, works a treat

thanks

russ

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Sat, 10 May 2008 17:32:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

russ writes:

> I want to make my idl code do a plot to a file format that can be
> picked up by html.
>
> I tried set_plot,'ps' etc

>
> which creates the ps file ok that can be read into word, but if I
> reference this in the normal way in html
>
> <img
> src="images1.jpg" alt="OUCE" />
>
> then it doesnt show when opeing the file in explorer.
>
> any ideas?

I make all the figures for my web page by just running the program and displaying things in an IDL graphics window. Then I type this to save the file (usually as a PNG file):

```
IDL> void = TVRead(/PNG); or /JPEG, /TIFF, etc.
```

You can find TVREAD here:

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

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: plotting graphics for web pages
Posted by [enod](#) on Sun, 11 May 2008 13:44:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

On May 10, 11:02 pm, russ <rlaybe...@hotmail.com> wrote:

> Hi
>
> I want to make my idl code do a plot to a file format that can be
> picked up by html.
>
> I tried set_plot,'ps' etc
>
> which creates the ps file ok that can be read into word, but if I
> reference this in the normal way in html
>
> <img

> src="images1.jpg" alt="OUCE" />
>
> then it doesnt show when opeing the file in explorer.
>
> any ideas?
>
> thanks
>
> russ

I use convert command of ImageMagik to convert the Postscript file to Jpeg format.

Tian

Subject: Re: plotting graphics for web pages
Posted by [Mark\[1\]](#) on Sun, 11 May 2008 22:09:20 GMT
[View Forum Message](#) <> [Reply to Message](#)

On May 12, 1:44 am, "tia...@gmail.com" <tia...@gmail.com> wrote:
> On May 10, 11:02 pm, russ <rlaybe...@hotmail.com> wrote:
> I use convert command of ImageMagik to convert the Postscript file to
> Jpeg format.

A couple of comments:

1) JPEG is suitable for photos of natural scenes, but for scientific graphics with lines, sharp edges, solid colours, PNG is better. ImageMagick will produce either.

2) One of the advantages of the ImageMagick convert command is that you can use it to reduce the number of colours in the image, where appropriate. I normally produce PNGs from IDL in 24-bit colour, but often reduce them to 8-bit or 4-bit colour with ImageMagick afterwards, if file size is an issue.

Subject: Re: plotting graphics for web pages
Posted by [Paul Van Delst\[1\]](#) on Mon, 19 May 2008 20:29:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

tianyf@gmail.com wrote:
> On May 10, 11:02 pm, russ <rlaybe...@hotmail.com> wrote:
>> Hi
>>

>> I want to make my idl code do a plot to a file format that can be
>> picked up by html.
>>
>> I tried set_plot,'ps' etc
>>
>> which creates the ps file ok that can be read into word, but if I
>> reference this in the normal way in html
>>
>> <img
>> src="images1.jpg" alt="OUCE" />
>>
>> then it doesnt show when opeing the file in explorer.
>>
>> any ideas?
>>
>> thanks
>>
>> russ
>
> I use convert command of ImageMagik to convert the Postscript file to
> Jpeg format.

I do the same thing except:

- 1) I use png, rather than jpeg, files
- 2) I do a
 device, scale_factor=2.0
 for PS output so that the resultant ps->png conversion doesn't
 produce teeny pictures.

Grabbing IDL output from screen (direct graphics at least) leaves you hostage to blechy fonts.

cheers,

paulv

Subject: Re: plotting graphics for web pages
Posted by [David Fanning](#) on Tue, 20 May 2008 02:31:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

Mark writes:

- > 2) One of the advantages of the ImageMagick convert command is that
- > you can use it to reduce the number of colours in the image, where
- > appropriate. I normally produce PNGs from IDL in 24-bit colour, but
- > often reduce them to 8-bit or 4-bit colour with ImageMagick

> afterwards, if file size is an issue.

Ok, ImageMagick is terrific! But the documentation is typical of free software. How exactly does one reduce the color? I'm writing an article. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: plotting graphics for web pages

Posted by [Mark\[1\]](#) on Wed, 21 May 2008 22:31:49 GMT

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

On May 20, 2:31 pm, David Fanning <n...@dfanning.com> wrote:

> Ok, ImageMagick is terrific! But the documentation is typical
> of free software. How exactly does one reduce the color?
> I'm writing an article. :-)

To the best of my recollection, use the option "-colors 256" or "-colors 16".
