
Subject: iplot

Posted by [maarten](#) on Fri, 26 Nov 2004 14:25:59 GMT

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Hello,

I know not everybody is too pleased with itools, but i managed to create a nice plot using iplot (for the first time)

The big problem however is: how do i save this plot. it seems that i can only save it as .isv (which is only readable by iplot itself)

is it possible to save a plot as an eps (or other vector image)?

many thanks maarten

Subject: Re: iplot

Posted by [Mark Hadfield](#) on Mon, 29 Nov 2004 01:04:26 GMT

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maarten wrote:

> Hello,

>

> I know not everybody is too pleased with itools, but i managed to create a nice plot using iplot (for the first time)

> The big problem however is: how do i save this plot. it seems that i can only save it as .isv (which is only readable by iplot itself)

> is it possible to save a plot as an eps (or other vector image)?

>

Choose the "File/Export..." menu command to bring up the IDL Data Export wizard. At Step 1, select the "To a File" radio button and press the "Next..." button. At Step 2, select "Window" and press "Next" (though you may want to play with the other possibilities later). At Step 3, choose the "File Type" you want and enter a file name, then press "Finish".

The facility to export to EPS was added in 6.1. You should upgrade to this version if you are serious about using iTools, as the iTools system is being developed and improved with each new version.

By default, the iTools system produces EPS files containing bitmap data. (This is not very useful IMHO, because bitmap data data can be stored more effectively in an image-oriented format like PNG). To change this, choose the "File/Preferences..." menu item and select "Settings/File Writers/Encapsulated Postscript" in the tree view. Set "Graphics format" to "Vector". The change should affect the all iTools for the current user. Be aware that IDL Object Graphics (on which the iTools are based) has various limitations when producing vector output.

I've just noticed that the EPS file writer dialogue also has an option to choose bitmap or vector output. Cool!

--

Mark Hadfield "Ka puwaha te tai nei, Hoesa tatou"
m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

Subject: Re: iplot
Posted by [David Fanning](#) on Mon, 29 Nov 2004 01:19:18 GMT
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Mark Hadfield writes:

- > Choose the "File/Export..." menu command to bring up the IDL Data Export
- > wizard. At Step 1, select the "To a File" radio button and press the
- > "Next..." button. At Step 2, select "Window" and press "Next" (though
- > you may want to play with the other possibilities later). At Step 3,
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- > user. Be aware that IDL Object Graphics (on which the iTools are based)
- > has various limitations when producing vector output.
- >
- > I've just noticed that the EPS file writer dialogue also has an option to
- > choose bitmap or vector output. Cool!

I just tried this. The plot shows up all right, and looks good. But the axes annotation is missing. :(

Is this a Ghostview problem? A preview problem? Or are they really gone? (I don't have a PostScript printer at the moment.) I see the annotations if I choose Bitmap output, but not if I choose vector output.

Cheers,

David

P.S. Does this mean I have to separately annotate all my iTool output in Adobe Illustrator to get high quality graphics? :-)

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: iplot
Posted by [Mark Hadfield](#) on Mon, 29 Nov 2004 02:26:20 GMT
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David Fanning wrote:

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- > good. But the axes annotation is missing. :-(
- >
- > Is this a Ghostview problem? A preview problem? Or are they
- > really gone? (I don't have a PostScript printer at the moment.)
- > I see the annotations if I choose Bitmap output, but not if
- > I choose vector output.

You have upgraded to IDL 6.1.1, right? Vector output in 6.1 had ... issues.

--

Mark Hadfield "Ka puwaha te tai nei, Hoesa tatou"
m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

Subject: Re: iplot
Posted by [David Fanning](#) on Mon, 29 Nov 2004 02:47:17 GMT
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Mark Hadfield writes:

- > You have upgraded to IDL 6.1.1, right? Vector output in 6.1 had ... issues.

Oh, no, not yet. Been travelin'. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: iplot
Posted by [p.sommer](#) on Mon, 13 Dec 2004 17:43:47 GMT
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See: <http://www.rsinc.com/codebank/search.asp?FID=263>

Subject: Re: iplot
Posted by [maarten](#) on Tue, 14 Dec 2004 09:34:48 GMT
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p.sommer@comcast.net wrote:

> See: <http://www.rsinc.com/codebank/search.asp?FID=263>
>

thanks. I looked into it myself a little bit more and found that by adding a new dataspace similar results are obtained

Subject: Re: IPLOT
Posted by [penteado](#) on Sat, 28 Jan 2012 16:37:23 GMT
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I think you will have to loop over the points with itext.

On Jan 28, 10:34 am, DavePoreh <d.po...@gmail.com> wrote:

> Folks
> hi,
> I need to add the year that i have in my ASCII file to the iplot
> (<http://imageshack.us/photo/my-images/846/20120128132324.png/>) that i
> have. That means i have a 3 columns data: first and second are x and y
> and 3 rd one is the year that i have for each x&y i just want to put
> the year on the iplot.
> Any idea would be appreciated.
> Cheers,
> Dave

Subject: Re: IPLOT
Posted by [d.poreh](#) on Sat, 28 Jan 2012 17:43:11 GMT
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On Jan 28, 8:37 am, Paulo Penteado <pp.pente...@gmail.com> wrote:

> I think you will have to loop over the points with itext.

>

> On Jan 28, 10:34 am, DavePoreh <d.po...@gmail.com> wrote:

>

>

>

>

>

>

>

>> Folks

>> hi,

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>> (<http://imageshack.us/photo/my-images/846/20120128132324.png/>) that i

>> have. That means i have a 3 columns data: first and second are x and y

>> and 3 rd one is the year that i have for each x&y i just want to put

>> the year on the iplot.

>> Any idea would be appreciated.

>> Cheers,

>> Dave

Thanks works like a charm.

Cheers,

Dave
