Subject: Ternary Plot in IDL?

Posted by JP on Tue, 09 Apr 2013 06:49:55 GMT

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Googled that in the group and it doesn't seem to be anything done for that yet althought ppl have asked about it every now and then.

I am after a ternary plot http://en.wikipedia.org/wiki/Ternary_plot Was told that R has a function for it: http://rss.acs.unt.edu/Rdoc/library/vcd/html/ternaryplot.htm I

Wouldn't it be great if there was something like it in IDL?

maybe a cgTernaryPlot procedure? ;) ;)

cheers

JΡ

>

Subject: Re: Ternary Plot in IDL?

Posted by Michael Galloy on Tue, 09 Apr 2013 14:27:11 GMT

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On 4/9/13 12:49 am, JP wrote:

- > Googled that in the group and it doesn't seem to be anything done for that yet althought ppl have asked about it every now and then.
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> maybe a cgTernaryPlot procedure?;);)

Here's a start in direct graphics:

https://github.com/mgalloy/mglib/blob/master/src/vis/lineplo ts/mg_ternaryplot.pro

Mike

Mick

Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)

Research Mathematician Tech-X Corporation

Subject: Re: Ternary Plot in IDL? Posted by JP on Tue, 09 Apr 2013 23:59:42 GMT

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cool! thanks

Subject: Re: Ternary Plot in IDL?
Posted by JP on Wed, 10 Apr 2013 06:08:13 GMT
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Michael,

What's the difference between the library which can be accessed (and downloaded) from https://github.com/mgalloy/mglib (which includes the mg_ternaryplot procedure you mentioned) from the vis_ternaryPlot one documented in http://docs.idldev.com/vis/lineplots/vis_ternaryplot.html?

JΡ

```
On Wednesday, 10 April 2013 00:27:11 UTC+10, Mike Galloy wrote:
> On 4/9/13 12:49 am, JP wrote:
>> Googled that in the group and it doesn't seem to be anything done for that yet althought ppl
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>
  Mike
>
  Michael Galloy
>
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>
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  Research Mathematician
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```

Subject: Re: Ternary Plot in IDL?
Posted by Michael Galloy on Wed, 10 Apr 2013 14:40:56 GMT
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On 4/10/13 12:08 am, JP wrote:

> Michael,

>

- > What's the difference between the library which can be accessed (and
- > downloaded) from https://github.com/mgalloy/mglib (which includes the
- > mg_ternaryplot procedure you mentioned) from the vis_ternaryPlot one
- > documented in
- http://docs.idldev.com/vis/lineplots/vis_ternaryplot.html ?

I moved everything over to Github this winter, so that is the current version and the one to watch going forward. Right now, I don't think there is any functional difference.

Mike

--

Michael Galloy
www.michaelgalloy.com
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Research Mathematician
Tech-X Corporation

Subject: Re: Ternary Plot in IDL? Posted by JP on Fri, 12 Apr 2013 03:46:06 GMT

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ok, thanks

```
On Thursday, 11 April 2013 00:40:56 UTC+10, Mike Galloy wrote:
> On 4/10/13 12:08 am, JP wrote:
>> Michael,
>>
>> What's the difference between the library which can be accessed (and
>> downloaded) from https://github.com/mgalloy/mglib (which includes the
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 Mike
  Michael Galloy
>
  www.michaelgalloy.com
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>
> Tech-X Corporation
```

Subject: Re: Ternary Plot in IDL?
Posted by nicholasehamilton on Thu, 19 Dec 2013 14:12:42 GMT
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Dear JP,

I am aware that you requested Ternary plots in IDL, however, I wanted to mention that I have just published on CRAN, a package for R, for the plotting of ternary diagrams.

It is based off ggplot2, which is highly regarded, and, my website can be viewed at www.ggtern.com, including many examples, specifically including a case study at the following address:

http://ggtern.com/case-studies/

On Tuesday, April 9, 2013 4:49:55 PM UTC+10, JP wrote:

> Googled that in the group and it doesn't seem to be anything done for that yet althought ppl have asked about it every now and then.

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>
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>
>
> cheers
>
>
>
```

Subject: Re: Ternary Plot in IDL? Posted by zulu on Fri, 13 Jun 2014 17:12:41 GMT

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I have been using Nick's ggtern for a while now and just updated it to Ubuntu 14.04, 64 bit. It is a

> JP

superior program for plotting ternary diagrams.

George Hart