
Subject: Re: cgPlot: /ISOTROPIC clobbers POSITION
Posted by [David Fanning](#) on Thu, 16 Jun 2011 12:06:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

>> I've noticed that in cgPlot, if I set the /ISOTROPIC
>> keyword (or set ASPECT to anything, really), the POSITION keyword is
>> ignored. Obviously it can't use the value verbatim, but I guess I
>> would expect that it would use the input position as an outer bounds
>> and then create an isotropic plot within that bound.
>
> Yes, too hard. ;-)
>
> This was on the list, but as funds were rapidly running
> out, it was more important to get the damn book written
> and into bookstores ASAP. :-)
>
> It's not terribly hard to do. Look at the code
> in cgImage for an example of how to do it, since
> it is done there. It just hasn't been done for these
> other routines. I don't see much time to work on it
> in the next few weeks, either.
>
> I've been trying to talk people into treating
> these CGS routines as an Open Source project, but
> so far everyone prefers that I do all the work. Alas,
> I have to make a living, too. :-(

Jeremy Bailin has made changes to cgPlot that allow the
ASPECT and ISOTROPIC keywords to recognize the position
specified by the POSITION keyword if this is also used
in the call to cgPlot. The latest version is now on my
we page:

<http://www.idlcoyote.com/programs/cgplot.pro>

Thanks, Jeremy!

Cheers,

David

--

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

Sepore ma de ni thue. ("Perhaps thos speakest truth.")
