
Subject: Distance between contour lines
Posted by [Wox](#) on Tue, 27 May 2008 07:37:27 GMT
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Hi IDLers,

How can I retrieve the vertical distance between two adjacent contour lines?

Thanks,

Wout

Subject: Re: Distance between contour lines
Posted by [David Fanning](#) on Wed, 28 May 2008 18:19:49 GMT
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Wox writes:

> Sorry, I meant horizontal distance :-)

I think you have the wrong tool for the job.
Don't you need surveying equipment for this sort of work?

Of course, this will depend on where you are standing and what direction you are looking in, but I can think of some graphical solutions that could give you a ballpark estimate under some extremely limited conditions. But I hesitate to mention them unless I know more about what is going on.

One thing is for sure. You are NOT going to find this in the IDL documentation or the CONTOUR command, either one. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Distance between contour lines

Posted by [Kenneth P. Bowman](#) on Wed, 28 May 2008 21:29:51 GMT

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In article <a14r349m81qusuq7r1v9pcdckohiem9u8l@4ax.com>,
Wox <nomail@hotmail.com> wrote:

> On Tue, 27 May 2008 05:53:13 -0600, David Fanning <news@dfanning.com>
> wrote:

>

>> Wox writes:

>>

>>> How can I retrieve the vertical distance between two adjacent contour
>>> lines?

>>

>> You do this by setting the vertical distance yourself, in
>> the first place. Don't let IDL do it for you. :-)

>>

>> Cheers,

>>

>> David

>

>

> Sorry, I meant horizontal distance :-)

You can get the coordinates of the contour lines by using the PATH_INFO
and PATH_XY keywords to CONTOUR. There are many ways I can think of
to define the "horizontal distance", so from there on out, you are on
your own.

Ken Bowman

Subject: Re: Distance between contour lines

Posted by [Wox](#) on Thu, 29 May 2008 07:17:32 GMT

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On Wed, 28 May 2008 16:29:51 -0500, "Kenneth P. Bowman"
<k-bowman@null.edu> wrote:

> You can get the coordinates of the contour lines by using the PATH_INFO
> and PATH_XY keywords to CONTOUR. There are many ways I can think of
> to define the "horizontal distance", so from there on out, you are on
> your own.

>

> Ken Bowman

Ok, thanks. I'll play around with that.
