
Subject: Re: Command line display format
Posted by [penteado](#) on Wed, 04 May 2011 19:01:10 GMT
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On May 4, 3:56 pm, Ammar Yusuf <amyus...@gmail.com> wrote:

> Hi, so I did this in the command line:
> IDL> print, wave_special[2], wave_special[1], wave_special[2]-
> wave_special[1]
> 1260.20 1260.10 0.0999756
>
> I was hoping it would print out 0.10 but it's something really close.
> How can I display in my command line the actual values of
> wave_special. I know in Matlab you can type format short, format long,
> to do it.
>
> Is using the print format the only way to see? Thanks!

If what you are looking for is format control, you can use the format keyword to print. Using Fortran-style formats, it could be something like:

```
print,wave_special[2], wave_special[1], wave_special[2]-  
wave_special[1],format='(3E22.15)'
```

See the help on print for more details on format codes, including how to use C-style formats.

Subject: Re: Command line display format
Posted by [Ammar Yusuf](#) on Wed, 04 May 2011 19:06:54 GMT
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On May 4, 3:01 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On May 4, 3:56 pm, Ammar Yusuf <amyus...@gmail.com> wrote:
>
>> Hi, so I did this in the command line:
>> IDL> print, wave_special[2], wave_special[1], wave_special[2]-
>> wave_special[1]
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> like:
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> wave_special[1],format='(3E22.15)'
>
> See the help on print for more details on format codes, including how
> to use C-style formats.

Oh okay. Do you know why this happened or is this just part of
floating point representation?
I would expect 1260.20 - 1260.10 to return 0.1.

Subject: Re: Command line display format
Posted by [penteado](#) on Wed, 04 May 2011 19:14:33 GMT
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On May 4, 4:06 pm, Ammar Yusuf <amyus...@gmail.com> wrote:
> Oh okay. Do you know why this happened or is this just part of
> floating point representation?
> I would expect 1260.20 - 1260.10 to return 0.1.

http://www.idlcoyote.com/math_tips/sky_is_falling.html

By the way, David: the search box in idlcoyote.com needs updating. It
is still searching on dfanning.com, and finding nothing. It was easy
to notice when I searched for Sky is Falling, and nothing came up.

Subject: Re: Command line display format
Posted by [Ammar Yusuf](#) on Wed, 04 May 2011 19:27:09 GMT
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On May 4, 3:14 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
> On May 4, 4:06 pm, Ammar Yusuf <amyus...@gmail.com> wrote:
>
>> Oh okay. Do you know why this happened or is this just part of
>> floating point representation?
>> I would expect 1260.20 - 1260.10 to return 0.1.
>
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>
> By the way, David: the search box in idlcoyote.com needs updating. It
> is still searching on dfanning.com, and finding nothing. It was easy
> to notice when I searched for Sky is Falling, and nothing came up.

Thanks!

Subject: Re: Command line display format
Posted by [David Fanning](#) on Wed, 04 May 2011 19:54:11 GMT
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Paulo Penteadó writes:

> By the way, David: the search box in idlcoyote.com needs updating. It
> is still searching on dfanning.com, and finding nothing.

Well, I thought I fixed this yesterday. I just tried
the one on www.idlcoyote.com and it seems to be searching
the right domain. Which box Search Box were you using?

I had exactly the same problem yesterday, searching for
the same "sky is falling" article. It works for me today.

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Command line display format
Posted by [penteado](#) on Wed, 04 May 2011 20:17:55 GMT
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On May 4, 4:54 pm, David Fanning <n...@idlcoyote.com> wrote:

> Paulo Penteadó writes:
>> By the way, David: the search box in idlcoyote.com needs updating. It
>> is still searching on dfanning.com, and finding nothing.
>
> Well, I thought I fixed this yesterday. I just tried
> the one on www.idlcoyote.com and it seems to be searching
> the right domain. Which box Search Box were you using?

The one at the bottom of

<http://www.idlcoyote.com/documents/tips.php>
