## 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 View Forum Message <> Reply to Message

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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]

>> 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!

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- > 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.

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 View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

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.
- 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 David Fanning on Wed, 04 May 2011 19:54:11 GMT View Forum Message <> Reply to Message

## Paulo Penteado 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 View Forum Message <> Reply to Message

On May 4, 4:54 pm, David Fanning <n...@idlcoyote.com> wrote:

- > Paulo Penteado 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 onwww.idlcoyote.comand 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