Subject: Re: Could you explain why this happen?
Posted by David Fanning on Wed, 28 Apr 2010 17:06:05 GMT
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Bryan writes:

> This may be a stupid question, but I really want to know why.
> Please, see below and explain. Thanks.
>
> IDL> print, 132*30
>   3960
> IDL> print, 132*30*10
>   -25936
> IDL> print, 132*300
>   -25936
> IDL> data1 = 132
> IDL> data2 = 300
> IDL> data3 = data1*data2
> IDL> print, data3
>   -25936

Here is a clue. These are the same IDL commands in my IDL
session:

IDL> print, 132*30
     3960
IDL> print, 132*30*10
     39600
IDL> print, 132*300
     39600
IDL> data1 = 132
IDL> data2 = 300
IDL> data3 = data1*data2
IDL> print, data3
     39600

Probably the only difference between your IDL session and mine
is that I have this command in my IDL startup file:

   compile_opt defint32

Why would that matter?

Cheers,

David

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