

---

Subject: Re: Conversion Error?

Posted by [Med Bennett](#) on Mon, 16 Aug 1999 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Laurent,

"Size" is also an IDL function. I think that you would do well to avoid using variable names that are the same as IDL functions - this has caused me problems in the past.

Laurent Chardon wrote:

> I can't figure this out. Is it a bug or something that I can not understand?

> This is with IDL 5.2 running on a PII 333 on Windows NT.

>

> If I do

>

> IDL> size=double(12990)

> IDL> help,size

> SIZE DOUBLE = 12990.000

> IDL> c=fltarr(size)

> IDL> help,c

>

> I get

>

> C FLOAT = Array[12990]

>

> which is what I expect.

>

> But... If I do

>

> IDL> size=(double(200-70.1))/0.01

> IDL> help,size

> SIZE DOUBLE = 12990.000

> IDL> c=fltarr(size)

> IDL> help,c

>

> I get

>

> C FLOAT = Array[12989]

>

> Does anyone know why??? I am starting to not trust any of my previous

> calculations done with IDL. Or is this a "feature" of the Pentium II?

>

> Any help would be appreciated...

>

> Laurent Chardon

> Trent University

---