
Subject: Re: brain twister

Posted by [mole6e23](#) on Fri, 08 Dec 2000 21:10:56 GMT

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Paul van Delst <pvandelst@ncep.noaa.gov> wrote:

>> Okay, enough ideology for one week.

>

> That's *almost* a pun. :o)

Wow, I missed that one. Getting slow, I guess.

>> ----- Example 2

>> .comp

>> function test2, x

>> return, x

>> end

>>

>> a = dindgen(5)

>> (test2(a))[2] = -2

>> print, a

>

> You're right...this is weird. If you do a help:

>

> IDL> help, test2(a)

> A DOUBLE = Array[5]

>

> How come the result isn't

>

> <Expression> DOUBLE = Array[5]

I wouldn't expect the result to be <Expression> because the result `_is_` A, so I would expect IDL to tell me that the result is A. We pass in a by reference, return it, and so we should expect to get it back. I'm happy that IDL can keep track of the variable through all that mucking around... it makes sense to me.

Todd
