

---

Subject: Re: Yet again, The Sky is Falling!  
Posted by [yp](#) on Thu, 08 Mar 2007 22:57:42 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Mar 8, 10:34 pm, "R.G. Stockwell" <n...@email.please> wrote:

> "yp" <Yaswant.Prad...@gmail.com> wrote in message  
>  
> news:1173383911.537437.293170@h3g2000cwc.googlegroups.com...  
>  
>  
>  
>>>> > sza = 45.0D ;C (static)  
>>>> > int\_LUT, wave, nwave, 0.0D, 0.0D, 0.0D, chl[i], foq0 ;Case1  
>>>> > int\_LUT, wave, nwave, sza[i], vza[i], dphi[i], chl[i], foq  
> ...  
>> Not really.  
>> In Case 1 the arguments are passed by value (which is shown in the  
>> code)  
>> in Case 2 (comment the line left to Case1 and uncomment the line left  
>> to Case2) the arguments are passed by reference.  
>  
> I still do not follow what you mean. If you look at the three lines  
> above, you have sza = 45.0D.  
>  
> Then you execute the following 2 procedure calls:  
> IDL> int\_LUT, wave, nwave, 0.0D, 0.0D, 0.0D, chl[i], foq0  
> the next call you have shown is:  
> IDL> int\_LUT, wave, nwave, sza[i], vza[i], dphi[i], chl[i], foq  
>  
> In the first case, the 3rd parameter is 0.0D.  
> In the second case, the 3rd parameter is sza[0] = 45.0D.  
>  
> Anyways, I assume what you actually are doing is something  
> different than what is shown in the messages you posted.  
>  
> Why not reduce this problem to a very short example, and  
> post the code here so we can take a look at it.  
>  
> Cheers,  
> bob

Hi Bob,  
Sorry about the confusion. Here I go again...

-----  
null=0.0D

int\_LUT, 412.5, 1, 0.0D, 0.0D, 0.0D, 0.03D, result1

```
int_LUT, 412.5, 1, null, null, null, 0.03D, result2
```

```
print,'RESULT 1: ', (result1[*])
```

```
print,'RESULT 2: ', (result2[*])
```

```
-----
```

```
RESULT 1:    0.090099994
```

```
RESULT 2:    0.090071241
```

I hope this is clearer now.

---