Subject: Subscription of array (the *-problem)
Posted by Laurens on Thu, 18 May 2006 08:52:29 GMT

Hi all,

I'm currently optimizing all code of our PET-analysing program in IDL.
One part of it is the following statement which turned out to use quite
some time:
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pTemp = (*pCurScan)->GetTimeFrame(i+1)
If( Ptr_Valid(pTemp) EQ 0 ) Then Continue

p = (*pTemp)->GetPixelData()
If( Ptr_Valid(p) EQ 0 ) Then Continue

PD[*,*,*,i] = (*p) * Fact
If( Ptr_Valid(p) ) Then Ptr_Free, p
------------------------
```

Now it's the PD[*,*,*,i] = statement of which i'm concerned; it uses
asterixs on the left side of the operator and David Fanning's site told
me that's not very elegant :) .
Now, the solution his site gives is - as far as I can see (haven been
IDL-programmer for what...just a few months now) - only usable for
two-dimensional arrays? Well I'm working with images where I have
multiple dimensions (x,y,plane,frame).

Is there someone wise in here who could give me a hint about how to
optimize this bit of code?

Thnx in advance!

Laurens