On Fri, 6 Oct 1995 17:09:15 GMT, you wrote:

Hi Rob,

If I'm not totally mistaken you could use the procedure
create_struct to nest anonymous structures. This wasn't
possible before IDL 3.6.1 !

Why do you define a structure inside a procedure while it is
returned via the parameter list. Can't you define it before
calling the procedure ? This would allow to use different
code to access fields available in one structure while
skipping the code for a different structure at a different
call. The following worked for me:

```
pro testit, rqm, s

s.n = 100

print, rqm, s.n, size(s.fx1)

; Note: The variable s.fl1 is only present when rqm=1
;
if  rqm eq 1  then  print, -1, -1, size(s.fl1)

end
;
 s1 = { ABC, n:100L, fx1:LonArr(100) }
 s2 = { XYZ, n:100L, fx1:LonArr(100), fl1:fltarr(100) }

 a1 = { ABC }
 a2 = { XYZ }

 testit, 0, a1
 testit, 1, a2

end
```

Maybe I missed the point ...

Hope, this helps
Norbert Hahn