Sorry, I realized there was a mistake in the second example, it should
be:

```
oBridge=OBJARR(5)
FOR chain=0,4 DO BEGIN oBridge[chain]=Obj_New('IDL_IDLBridge')

FOR i=0,999 DO BEGIN
  FOR chain=0,4 do BEGIN
    a=bindgen(1E4,1E3)
    oBridge[chain]->SetVar,'a',a
    oBridge[chain]->Execute,'a=a+a',/NOWAIT
  ENDFOR

  FOR chain=0,4 DO WHILE oBridge[chain]->Status() NE 0 DO wait,0.0001
ENDFOR
OBJ_DESTROY,oBridge
```

I do not destroy the objects until the very end as there are
parameters and routines that need to be loaded into each IDL_IDLBridge
for various computations in addition to parameters that change with
every iteration. Destroying and recreating would be a rather large
boon to processing time while the initial problem caused by
asynchronous operation still remains.