
Subject: objarr

Posted by [bjackel](#) on Thu, 02 Sep 1999 07:00:00 GMT

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Say I have a single object called Vector3, that allows nice things like

```
mag= Vector3->magnitude()  
dot= Vector3->dotproduct(secondvector)
```

and so on. Then assume I've got a whole pile of vectors

```
pile= OBJARR(100)  
FOR indx=0,99 DO pile[i]= Vector3
```

and want to manipulate them all at once

```
magpile= pile->magnitude()  
% Object reference must be scalar in this context: PILE  
% Execution halted at: $MAIN$
```

One foremost advantages of IDL is that logical groups of vector and matrix operations can be carried out with a single command. Am I correct in fearing that the only way to get what I want is with something like this?

```
magpile= DBLARR(N_ELEMENTS(pile))  
FOR indx=0,N_ELEMENTS(pile)-1 DO magpile[indx]=  
pile[indx]->magnitude()
```

Any comments or suggestions would be most welcome.

Brian Jackel
