
Subject: Passing variables

Posted by [jeffwax1](#) on Wed, 22 Aug 2007 20:07:44 GMT

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I am having an issue passing variables from one program to another.

I have a main program with a gigantic for loop. Each time through the loop there is a different value from a "B" array. Inside the loop I use rk4 to create fieldlines, with the derivatives ("dydx") calculated in another program. rk4 only allows you to give it a vector (say Xo,Yo) and it gives you back another vector (say X1,Y1). But I need, somehow to pass the value from my "B" array to the second program (the one that returns the "dydx").

I tried putting a procedure in the middle of my main program along the lines of:

```
pro getb,dummy  
return, [B(n)]  
end
```

and then in the dydx program had a line with:

```
myB = getb(0)
```

But that didn't seem to work. Does anyone know an easy way to pass this B variable into this second program?

Thanks.
