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Subject: General help

Posted by [D.Kochman@gmail.com](mailto:D.Kochman@gmail.com) on Tue, 03 Apr 2007 21:34:38 GMT

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I've worked on and off with IDL for a little while, but consider myself still quite the programming and IDL newbie, so any help will be appreciated. I was handed an uncommented program, and more or less had to figure out how it worked, and modify it to solve problems I give it.

Pretty much the program uses Craig Markwardt's mpfit procedures to fit a curve via iterative deconvolution.

After modifying the equation that it was supposed to fit, I was feeling good about myself....now not so much.

Anyways, heres what I don't understand. The program consists of a basewidget with a bunch of parameters, and a Function that returns values to mpfit.

I had wanted to add in a couple things to the widget - namely a "start bin" and a "stop bin" to define where the iterative deconvolution was fitting.

So I added the appropriate place on the GUI, and threw the variables into my main datastructure.

However, when I try to run the program, if the variables aren't given values in the function 'func', the program won't compile, even if they are given initial values in the data structure.

So lets say I do something like

```
arr=DBLARR(51,dg.numberbins)
```

It doesn't like it in my function, unless I define inside of it (the function) an initial value, despite the fact that the datastructure dg - has

```
numberbins:double(1024.0) $
```

And gives the error "array must be greater than 0"

What I want more or less is to be able to enter the number of bins into the GUI, and have this value passed back to the program, so that when I reload the program, it reloads the data file with a select number of bins. Why isn't this happening?

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