Subject: Newcomer to IDL
Posted by asmagal89 on Fri, 14 Apr 2017 00:19:50 GMT
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Hello!

I would like to know why the following procedure, taken ipsis verbis from the Harris example does not compile without errors:

QUOTE

```
PRO agfunct, X, A, F, pder
  bx=EXP(A[1]*X)
  F=A[0]*bx+A[2]
;If the procedure is called with four parameters, calculate the
;partial derivatives.
 IF N_PARAMS() GE 4 THEN $
  pder=[[bx], [A[0] * X * bx], [replicate(1.0, N_ELEMENTS(X))]]
END
;Compute the fit to the function we have just defined.
;First, define the independent and dependent variables:
X = FLOAT(INDGEN(10))
Y = [12.0, 11.0, 10.2, 9.4, 8.7, 8.1, 7.5, 6.9, 6.5, 6.1]
;Define a vector of weights.
weights = 1.0/Y
;Provide an initial guess of the function’s parameters.
A = [10.0,-0.1,2.0]
;Compute the parameters.
yfit = CURVEFIT(X, Y, weights, A, SIGMA, FUNCTION_NAME='agfunct')
;Print the parameters returned in A.
PRINT, 'Function parameters: ', A
END
```

UNQUOTE

Thanks in advance,
Antonio.