
Subject: Re: Newcomer to IDL

Posted by [lecacheux.alain](#) on Fri, 14 Apr 2017 09:00:56 GMT

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Le vendredi 14 avril 2017 02:19:52 UTC+2, asma...@gmail.com a écrit :

> 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.

You likely made "ipsis verbis" some cute&paste from Harris documentation.

Unfortunately, there are some non-ascii characters at the beginning of every uncommented lines (starting with bf=..., F=... and IF...) in the Agfunct subroutine, which are not accepted by the compiler.

Please remove them !

alx.
