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Subject: Problems with curvefit

Posted by [Emilio Martines](#) on Wed, 12 Mar 1997 08:00:00 GMT

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Hello. I am using curvefit in IDL 4.0.1 for fitting a set of data point with a curve of the form  
 $y=a*(\exp((x-b)/c)-1)$   
where x is the dependent variable and a,b,c are the fit parameters. It usually works fine, but sometimes, when the data are really bad, it goes into an infinite loop. Since the fit is embedded into a more complex program, this is very annoying. I would rather like the routine to exit nicely, even without performing the fit. Has anyone found the same problem? Is there a solution? Thanks a lot.

Emilio

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| And now I know that we must lift the sail  
|  
| and catch the winds of destiny  
|  
| wherever they drive the boat.

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| Edgar Lee Masters (Spoon River Anthology)  
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