Subject: recursive functions?
Posted by Nando Iavarone on Thu, 31 Aug 2000 15:48:30 GMT
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Hi all,

I wrote a recursive function, but something does not work.

The example reported is the skeleton of the function.
<p>In this version:
<p>

function recFun, var1, var2

print, var1, var2

err = recFun($

string(var1)+'.Prrrr', $

string(var2)+'.Prrrr')

return, 0

end;

<p>

function recFunTest, var1, var2

err = recFun($

string(var1)+'.Prrrr', $

string(var2)+'.Prrrr')

return, err

end;

<p>if the source file is recFun.pro,

IDL shows:
<p>ENVI> .compile recFun

% Compiled module: RECFUN.

% Compiled module: RECFUNTEST.

ENVI> err=recFunTest(12,15)

      12.Prrrr
15.Prrrr

% Variable is undefined: RECFUN.

% Execution halted at: RECFUN   &amp
;nbsp;   &amp ;nbsp;
5

  /home/nando/InPhase/procedureDiProva/recFun.pro

 %   ;
;   ;
 RECFUNTEST   19

  /home/nando/InPhase/procedureDiProva/recFun.pro

 %   ;
;   ;
$MAIN$

ENVI>

<p>If the file is modified as:
<p>

function recFunTest, var1, var2
<p>

print, var1, var2

err = recFuntest($

string(var1)+'.Prrrr', $

string(var2)+'.Prrrr')

return, err

end;

<p>the recursive function works.
<p>Am I missing something in the first case?

Why it does not work?
<p>Thank you.
<pre>--
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