
Subject: Re: calling a function in herself
Posted by [davidf](#) on Mon, 31 Jul 2000 07:00:00 GMT
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Martin Schultz (martin.schultz@dkrz.de) writes:

```
> Here is a really simpl eexample:
> -----
> function recursive, count
>   print,'count = ',count
>   if count lt 10 then count = recursive(count+1)
> return, count
> end
>
> ; main
> print,'End result = ',recursive(0L)
> end
>
> -----
> save as recursive.pro and start this with .r recursive, and it will run.
> In you rcase,
> you might need to include a FORWARD_FUNCTION statement as the first line
> in h_wahl. That
> shoul dhelp.
```

What has happened to your keyboard, Martin!?
Better get the ol' WD40 out. :-)

Cheers,

David

--
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Subject: Re: calling a function in herself
Posted by [Martin Schultz](#) on Mon, 31 Jul 2000 07:00:00 GMT
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"Ji¿½rg Schliwa" wrote:
>
> OF course it has to be in the example:
> Function H_Wahl,a,b,Steig=steig,Abstand=abstand

```

>
> so that was not the error!
>
> Jiörg Schliwa <joerg.schliwa@ewetel.net> schrieb in im Newsbeitrag:
> 8m4c9b$3h9$1@ac1.ewetel.de...
>> Hy to all!
>>
>> I have a file with the main-procedure and some functions in it. When I'm
> in
>> the function e.g h_wahl I want to call the function h_wahl again. Is that
>> possible? When I compile the file, the expression h_wahl is not known in
>> h_wahl.
>>
>> e.g.
>> ;procedure rasterung.pro
>>
>> Function H_Wahl(a,b,Steig=steig,Abstand=abstand)
>>   If Keyword_Set(abstand) Then .....
>>
>>   If Keyword_Set(steig) Then Begin
>>     ...
>>     return, H_Wahl(c,d,/abstand)
>>   Endif
>> End
>>
>> pro rasterung...
>>
>> Any suggestions?
>>
>> Thanks in advance,
>> Jiörg Schliwa
>>
>>

```

Here is a really simple example:

```

-----
function recursive, count
  print,'count = ',count
  if count lt 10 then count = recursive(count+1)
return, count
end

; main
print,'End result = ',recursive(0L)
end

```

save as recursive.pro and start this with .r recursive, and it will run.

In your case,
you might need to include a FORWARD_FUNCTION statement as the first line
in h_wahl. That
should help.

Regards,
Martin

--

```

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[[          phone: +49 40 41173-308          [[
[[          fax: +49 40 41173-298          [[
[[ martin.schultz@dkrz.de          [[

```

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Function H_Wahl,a,b,Steig=steig,Abstand=abstand

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```

> End
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>
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>
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>
>
