
Subject: Re: Recursive function/procedure
Posted by [wbiagiot](#) on Fri, 23 Apr 1999 07:00:00 GMT
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Tri VU KHAC <tvk@info.fundp.ac.be> wrote:

> Hi folks,
> How to write a recursive function/procedure ?
> What are programming problems of this technique in IDL ?
> Thanks for help.
> Best regards,
> Tri
>
>

Hi Tri,

Well, writing a recursive routine is pretty much the same in any language.
Here's a quick example:

PRO My_routine, My_mode_parameter

```
CASE (My_mode_parameter) OF
  0: BEGIN ; Perform all 3 actions
    My_routine, 1
    My_routine, 2
    My_routine, 3
  END
  1: BEGIN
    <action 1>
  END
  2: BEGIN
    <action 2>
  END
  3: BEGIN
    <action 3>
  END
  ELSE:
ENDCASE
```

END ; PRO

Hope this helps.

-Bill

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