
Subject: Re: how to check if a loop fails

Posted by [David Fanning](#) on Sun, 26 Apr 2009 15:49:59 GMT

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xiao writes:

> I have a loop including several functions and when I run the
> program, I wait for a long time and the loop is still running. I
> wonder if the loop is already dead. Any ideas how I can check it?

Checking for error messages comes to mind. :-)

You could also try a progress bar. If it doesn't move for
5 or 10 minutes you might conclude your loop was dead:

http://www.dfanning.com/widget_tips/show_progress.html

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: how to check if a loop fails

Posted by [xiao zhang](#) on Sun, 26 Apr 2009 16:21:17 GMT

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hmm.....David, I tried the progressbar like this:

for j=0,7 do begin

```
    progressBar = Obj_New("SHOWPROGRESS", /AutoUpdate, Delay=5,  
Steps=20)  
    progressBar->Start  
    Obj_Destroy, progressBar
```

.....

endfor

And it does move for the first step but it disappeared after that.
Sigh.....

Xiao

On Apr 26, 10:49 am, David Fanning <n...@dfanning.com> wrote:

```
> xiao writes:
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>> program, I wait for a long time and the loop is still running. I
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```

Subject: Re: how to check if a loop fails

Posted by [Vince Hradil](#) on Sun, 26 Apr 2009 19:36:37 GMT

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On Apr 26, 11:21 am, xiao <littledd...@gmail.com> wrote:

```
> hmm.....David, I tried the processbar like this:
>
> for j=0,7 do begin
>
>     progressBar = Obj_New("SHOWPROGRESS", /AutoUpdate, Delay=5,
> Steps=20)
>     progressBar->Start
>     Obj_Destroy, progressBar
>
> .....
>
> endfor
>
```

```

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>           Xiao
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>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
>

```

```

progressBar = Obj_New("SHOWPROGRESS", /AutoUpDate, Delay=5,Steps=20)
progressBar->Start
for j=0,7 do begin
.....
endfor
Obj_Destroy, progressBar

```

But even easier would be to:

- 1- step through the code using the debugger
- 2- add print statements to inspect variables

```

for j=0,n-1 do begin
print, 'Step ' + strtrim(j+1,2) + ' of ' + strtrim(n,2) + ' steps'
.....
endfor

```

Subject: Re: how to check if a loop fails

Posted by [xiao zhang](#) on Mon, 27 Apr 2009 00:50:00 GMT

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On Apr 26, 2:36 pm, Vince Hradil <vincehra...@gmail.com> wrote:

> On Apr 26, 11:21 am, xiao <littledd...@gmail.com> wrote:

>

>

>

>> hmm.....David, I tried the progressbar like this:

>

>> for j=0,7 do begin

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>> progressBar = Obj_New("SHOWPROGRESS", /AutoUpDate, Delay=5,

>> Steps=20)

>> progressBar->Start

>> Obj_Destroy, progressBar

>

>>

>

>> endfor

>

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>> Sigh.....

>

>> Xiao

>

>> On Apr 26, 10:49 am, David Fanning <n...@dfanning.com> wrote:

>

>>> xiao writes:

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>>>> program, I wait for a long time and the loop is still running. I

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> for j=0,n-1 do begin
> print, 'Step ' + strtrim(j+1,2) + ' of ' + strtrim(n,2) + ' steps'
> .....
> endfor
```

haha, Thank you very much
