

---

Subject: Re: how to check if a loop fails

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

>

>     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:

>>> 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](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.")

>

>

```
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
```

---