
Subject: Re: on_ioerror?

Posted by [davidf](#) on Wed, 03 Jun 1998 07:00:00 GMT

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Dallas Masters (dallas@lanl.gov) writes:

> I'm running read_gif and read_tiff in a loop.
> If an I/O error occurs, I want to print an error message
> and continue going through the loop. Given read_gif
> and read_tiff, how would this be done (I've tried, nothing
> works yet). Thanks.

I just looked at the code for these two routines and both return to the caller of the program when an error occurs (ON_ERROR, 2). I should think a simple CATCH in the routine that called either one of these programs would catch errors. Then you could proceed in whatever manner seemed appropriate.

Your code might look like this:

```
Catch, error
IF error NE 0 THEN BEGIN
  Print, !Err_String
  CASE loopFlag OF
    1: GOTO, GIF_LOOP
    2: GOTO, TIFF_LOOP
  ENDCASE
ENDIF

loopFlag = 1
GIF_LOOP:
FOR j=0,n, DO READ_GIF, ....

loopFlag = 2
TIFF_LOOP:
for j=0, n DO READ_TIFF, ...
```

This is pseudo code, of course. :-)

Cheers,

David

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

Subject: Re: on_ioerror?

Posted by [davidf](#) on Thu, 04 Jun 1998 07:00:00 GMT

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Stein Vidar Hagfors Haugan (steinhh@ulrik.uio.no) writes in reply to one of my more elegant programming efforts:

```
>> This is pseudo code, of course. :-)
>
> Nope. That was spaghetti, not pseudo.... :-)
> Jumping out of and then back into FOR loops gives me
> goosebumps.
```

Stein Vidar is right, of course. I was going to forego the code entirely because I only had 10 minutes before I had to pick up the kids, but I thought, "Nah, piece of cake."

But then I got shaken by having to do two things in the same piece of code. Yikes! Since I've become infatuated with object programming I've become a one-piece-of-code-for-one-specific-thing kind of a guy. I just completely forgot how to write that one-size-fits-all type of code. My humble apologies. :-)

Cheers,

David

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Subject: Re: on_ioerror?

Posted by [steinhh](#) on Thu, 04 Jun 1998 07:00:00 GMT

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David Fanning wrote:

```
> This is pseudo code, of course. :-)
```

Nope. That was spaghetti, not pseudo.... :-)
Jumping out of and then back into FOR loops gives me
goosebumps.

```
FOR j=0,n DO BEGIN
  catch,error
  IF error NE 0 THEN BEGIN
    print,!Err_String
    goto,CONTINUE_GIF
  ENDIF
```

```
  read_gif,....
```

```
CONTINUE_GIF:
ENDFOR
catch,/cancel ;; A matter of purity..
```

```
FOR j=0,n DO BEGIN
  catch,error
  IF error NE 0 THEN BEGIN
    print,!Err_String
    goto,CONTINUE_TIFF
  ENDIF
```

```
  read_tiff,....
```

```
CONTINUE_TIFF:
ENDFOR
catch,/cancel ;; A matter of purity..
```

Regards,

Stein Vidar
