Subject: Re: error handling
Posted by bulrushmower on Mon, 10 Nov 2008 15:02:08 GMT
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On Nov 10, 7:38 am, David Fanning <n...@dfanning.com> wrote:
> Spon writes:
>> bulrushmo...@gmail.com writes:
>>> How can I set up that when error happens, IDL output the error message
>>> to log file, then igonore that step continue to process next data?.
>
>> Something like this:
>
>>   OpenW, lun, 'logfile.out', /GET_LUN
>>   FOR j=0,n DO BEGIN
>
>>   Catch, theError
>>   IF theError NE 0 THEN BEGIN
>>   PrintF, lun, 'Problem with processing step ' + StrTrim(j)
>>   CONTINUE
>>   ENDIF
>
>>   DoSomeProcessing, data[j]
>>   ENDFOR
>>   Catch, /Cancel
>>   Free_Lun, lun
>
>> Excuse my ignorance on this, but wouldn't you need to stick your
>> "Catch, /Cancel" INSIDE the for loop?
>> If not, why not?
>
> There is no requirement for when you cancel a CATCH, except
> you should cancel it when you are finished with it. While CATCH
> is in effect, any error is re-routed to the first line after
> the CATCH statement. When cancelled, any error is routed
> to the ON_ERROR condition in effect for that program
> module. In a real code example, rather than cancelling
> the CATCH there, I would probably have had another CATCH
> statement to replace the one I was using for the process
> loop.
>
> 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.")- Hide quoted text -

>
> - Show quoted text -

The problem is even I use these statements, program still halted when
enounter a bad data.
Should I place the Catch, /cancel inside the loop.
Another issue, should I state the Catch, the error right after the
beginning the loop, or after the image processing, end of the loop?

thanks