
Subject: Re: openr and /get_lun

Posted by Nando Iavarone on Mon, 17 Apr 2000 07:00:00 GMT

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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
Craig Markwardt wrote:
<blockquote TYPE=CITE>I have noticed that the use of /GET_LUN and ERROR
keywords to openr is
<br>not as helpful as I would have hoped.&nbsp; Do other have this experience?
<br>The problem is that when an error occurs, it is hard to know whether
<br>the file unit was "gotten" or not.
<p>For example:
<p>pro test1
<br>&nbs; openr, unit, filename, /get_lun, error=err
<br>&nbs; free_lun, unit
<br>end
<p>If there was an error, then it is possible that UNIT was never set,
<br>and is hence undefined.&nbs; FREE_LUN doesn't take undefined variables.
<p>If there is error checking to do, I don't know exactly what it should
<br>be.&nbs; So I find myself explicitly doing this instead:
<p>pro test2
<br>&nbs; get_lun, unit
<br>&nbs; openr, unit, filename, error=err
<br>&nbs; free_lun, unit
<br>end
<p>Comments?
<br>&nbs;</blockquote>
Hi Craig,
<br>you have to trap the error.
<br>it is the open that can fail, so you have to check the err variable:
<p>pro test2
<br>&nbs; get_lun, unit
<br>&nbs; openr, unit, filename, error=err
<br>&nbs; if (err le 0) then begin
<br> &nbs;&nbs;&nbs;&nbs;&nbs; ;error management
<br> &nbs;&nbs;&nbs;&nbs;&nbs; .....&nbs;
<br>&nbs; endif
<br>&nbs; free_lun, unit
<br>end
<br>&nbs;
<br>&nbs;
<pre>You can also use the more flexible error trapping CATCH procedure.</pre>

<pre>It is general and not only for file management:</pre>

<pre></pre>
pro testOpen<br>
```

```
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp; errorStatus=0<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp; catch,errorStatus<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp; if errorStatus ne 0 then begin
<br> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
&nbsp;&nbsp;&nbsp;&nbsp; ;error management<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
&nbsp;&nbsp;&nbsp;&nbsp; print,!ERR_STRING<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
&nbsp;&nbsp;&nbsp;&nbsp; return<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&nbsp; endif<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp; openr,lun,'pippone',/get_lun<br>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp; free_lun,lun<br>
end
<br>&nbsp;
<pre>--&nbsp;
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&nbsp;</html>
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