Subject: Re: Trapping errors in QUERY_IMAGE
Posted by David Fanning on Thu, 07 Aug 2008 16:19:49 GMT
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M. Katz writes:

> I'm working to add error trapping to my input/output code and I've run
> into a problem. The IDL routine QUERY_IMAGE() will crash if the image
> exists, has a valid type, but there's something wrong with the file.
> In my case, I have a bad PNG file that I'm using as a test case.
>
> QUERY_IMAGE() breaks with a message saying
>   QUERY_PNG: libpng error: Read Error
>
> My goal is to trap that error. Placing an ON_IOERROR into IDL's
> QUERY_IMAGE() (and removing the ON_ERROR, 2) doesn't seem to work
> because the error happens within QUERY_PNG() which may not be written
> in IDL.
>
> Any advice as to how to add more robustness to my error trap in this
> case?

It can be a problem. Maybe you can get some ideas from
this article:

   http://www.dfanning.com/fileio_tips/nohdf.html

Cheers,

David

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Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")