Subject: Trapping errors in QUERY_IMAGE
Posted by M. Katz on Thu, 07 Aug 2008 15:20:33 GMT

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?
-M. Katz