Subject: Re: what does this error mean

Posted by Nando Iavarone on Thu, 01 Jun 2000 07:00:00 GMT

<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
David Fanning wrote:
<blockquote TYPE=CITE>Brad Gom (b_gom@hotmail.com) writes:
<p>> What does this message mean:

>

> % Temporary variables are still checked out - cleaning up...
<p>I usually see this when a student (not me, I've learned how

to type RETALL!) crashes a widget program. I can't reproduce

the error here, but I have the general impression that the

problem occurs somehow in XManager,</blockquote>

<pre>I think the 'problem' is more general and depends on how IDL handles the memory usage</pre>

<pre>(see 'IDL internal' section of the EDG).</pre>

<pre>let's see if I understand how IDL works ;o)</pre>

<pre>since the user can create/modify run-time a variable - all the memory allocations ara dynamic - there must be a mechanism to prevent the lost of memory etc (typical problem of a C-coder).</pre>

<pre>when your message appears, IDL is checking for not delivered memory and try to free it (but why more that one time? I obtain it at each executed line. Maybe the check is done at each interpreted line?).</pre>

<pre>the message appears until IDL exits from the procedure/function at which the 'memory problem' appears. In fact, going up to the caller/main, all the memory used by the 'called' is automatically delivered.</pre>

<pre>I have your message when I use DLM, and I forget to free memory or if I have a temporary variable to be passed back to IDL.</pre>

<pre>What does RSINC tell about it?</pre>

<pre></pre>

<pre>bye.</pre>

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