
Subject: what does this error mean

Posted by [Brad Gom](#) on Wed, 31 May 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

What does this message mean:

% Temporary variables are still checked out - cleaning up...

ie. what general type of problem causes this, so I can get an idea where to start looking?

thanks

File Attachments

1) [b_gom.vcf](#), downloaded 86 times

Subject: Re: what does this error mean

Posted by [Nando lavarone](#) on Thu, 01 Jun 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

```
<!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:
```

```
<br>>
```

```
<br>> % Temporary variables are still checked out - cleaning up...
```

```
<p>I usually see this when a student (not me, I've learned how  
<br>to type RETALL!) crashes a widget program. I can't reproduce  
<br>the error here, but I have the general impression that the  
<br>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>
```


routine
returns, or passed back as the return value of a function. When control
passes back to the interpreter it cleans up any temporaries which are
still
in use and issues this message.

It's not really anything you should worry about, unless the system
routine
which is not returning the temporaries is one you have written.

If you want to learn more about temporaries there is a section about
them
in the External Development Guide (look for "temporary variables" in the
index).

--

Nigel Wade, System Administrator, Space Plasma Physics Group,
University of Leicester, Leicester, LE1 7RH, UK
E-mail : nmw@ion.le.ac.uk
Phone : +44 (0)116 2523568, Fax : +44 (0)116 2523555
