
Subject: Re: What is this error message about?

Posted by [Stein Vidar Hagfors H\[2\]](#) on Mon, 10 May 2004 20:02:13 GMT

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"Haje Korth" <haje.korth@jhuapl.edu> writes:

> Hi all,
> I have been doing some DLM programming, and I get the error message "%
> Temporary variables are still checked out - cleaning up..." whenever I use
> the functions IDL_CvtDbl or IDL_BasicTypeConversion in my C routine below.
> While the error does not seem to affect execution of the routines, the
> message tells me that the programming is not clean. The question is whether
> I am doing something wrong or whether this is a bug in IDL? The error only
> occurs if the type is actually converted. If input array is double, the
> message does not show. Your input is appreciated.
> Thanks,
> Haje

In code produced with my dlmform program, I see that calls corresponding
to e.g.

```
n = IDL_CvtLng(1,&argv[2]) /* May cause n to be tmp */
```

is followed with

```
if (n != argv[2]) IDL_DELTMP(n);
```

just before the return of the function. So, I think what IDL is complaining
about is that you haven't explicitly deleted the temporary variables (which
may or may not be created in the conversion calls).

IDL is doing it for you, but it's not very happy about it! Bug, feature,
sanity check, call it what you want. My guess is that it's a QA thing for
their own programmers, really.

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