
Subject: Re: IDL 8.0 questions

Posted by chris_torrence@NOSPAM on Mon, 26 Jul 2010 18:47:57 GMT

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

On Jul 26, 9:57 am, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Jul 25, 4:11 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

>

>> Maybe el is getting one of its metadata fields wrong when it is

>> created?

>

> I was curious about this, so I checked what flags were being set in a

> foreach element variable. I found that when just the loop is used, the

> variable has no flags. When a print is used inside the loop, the print

> call sets the IDL_V_DYNAMIC flag. Which, I thought should have been

> always set, as the element is a string.

Hi Paulo,

Let me echo David's comment about "good detective work!". This is exactly what was happening. We had a bug in the foreach code where for strings it was not setting the IDL_V_DYNAMIC flag. Inside STRMID, since the DYNAMIC flag wasn't set, it didn't bother to make a copy of the input variable but instead just wrote over the contents. This will be fixed in the next available IDL update.

As far as Mike Potter's other problems:

1. The confusing "file is out of sync" issue - this is a known quirk.

For now, you just need to wait for IDL to present the dialog about replacing the contents.

2. The problem where IDL "loses it's way" and stops printing output - this is also a known bug and has been fixed in the next IDL update.

Thanks for finding these issues, and let us know if you see anything else that isn't working.

Cheers,

Chris Torrence

IDL Software Development Manager

ITTVIS
