Subject: Re: Expert information needed
Posted by Nigel Wade on Wed, 05 Feb 2003 10:09:52 GMT
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Ed Wright wrote:

>
> Can someone explain the operation differences between:
>
>
>   IDL_VarCopy(IDL_StrToSTRING(shape_buf), Argv[2]);

This creates a new IDL_VAR and puts it into Argv[2].

>
> and
>
>   IDL_StrStore(&Argv[2]->value.str, shape_buf);

This copies the string into Argv[2], which must be writable. It doesn't free
any memory currently in used by Argv[2], it assumes it contains garbage. As
a precursor to IDL_StrStore I would call
IDL_StoreScalarZero(Argv[2], IDL_TYP_STRING);
to free any resources which Argv[2] might be using and to set its type to
IDL_TYP_STRING (unless I'd created the variable myself in the routine and
new it didn't have any resources allocated).

>
> I discovered use of the second causes a malloc error under certain
> circumstances, while the first does not.

What were the contents of Argv[2] on entry?

>
> As always,
> ED Wright

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