Subject: Re: How to redirect stdout & stderr from a Windows app?
Posted by davidf on Tue, 23 Jan 2001 23:13:16 GMT

Dave Greenwood (greenwoodde@ornl.gov) writes:
>
> I have a windows app (NT 4, IDL 5.3) that apparently screws up occasionally.
> That is, it doesn't respond to certain buttons, sliders, etc. Of course it
> hasn't failed any of the times I've tried it in the IDE. Is there any way
> to redirect stdout and stderr so I can capture IDL messages, PRINT output,
> etc. in a file? I've tried invoking runtime IDL from a DOS window with ">
> foo.bar" but I never get any output in foo.bar although my app starts. And,
> of course, I can't close or reopen units -1 or -2.

How about writing the system error message to a file
in one of those Catch error handlers I know you have
in that file! :-)

Cheers,

David

--
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Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: How to redirect stdout & stderr from a Windows app?
Posted by R.Bauer on Wed, 24 Jan 2001 12:15:40 GMT

Dave Greenwood wrote:
>
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> foo.bar" but I never get any output in foo.bar although my app starts. And,
> of course, I can't close or reopen units -1 or -2.
>

If you take a look at

"Diverting IDL Output" or "Initialization"

in the online help

Diverting IDL Output:
When using a tty-based interface (UNIX or VMS), IDL sends its output to
the screen for the user to see. When using a GUI based interface (any
platform), the output goes to the log window. The default output
function is automatically installed by IDL at startup. To divert IDL
output to a function of your own design, use IDL_ToutPush() and
IDL_ToutPop() to change the output function called by IDL.
Internally, IDL maintains a stack of output functions, and provides two
functions (IDL_ToutPush() and IDL_ToutPop()) to manage them. The most
recently pushed output function is called to output each line of text.
Output functions of your own design should have the following type
definition:

typedef void (* IDL_TOUT_OUTF)(int flags, char *buf, int n);

...

Who is able to share IDL_ToutPush() and IDL_ToutPop() functions?

Reimar

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Reimar Bauer

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a IDL library at ForschungsZentrum Jï¿½lich
 http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml

http://www.fz-juelich.de/zb/text/publikation/juel3786.html