Chad Bender wrote:

> Is is possible to redirect the output that normally is sent
> to my xterm to somewhere else, like a string array?
> I'm writing a widget program where the top level widget is
> large enough that both it and the xterm won't fit on the
> screen. So the xterm gets covered up, and the user
> has to switch back and forth to see what IDL is printing.

Dear Chad,

Does it help to set the xterm always in foregrund.
I don't understand why you are using print and not a widget for the output?
There are several available, Something like dialog_message or a text widget,

>
> I'm really looking for some all encorporating system variable that
> I can set at the beginning of the program. I realize I could
> get most of what I want by changing print statements, and other
> tricks. But as the program is already almost completely written,
> I'd rather not have to go back and alter every print command.
> Additionally, there are some cases where I'm calling other routines,
> and changing things there is not an option.
>
> A question similar to this was asked back in 98, and I think the
> conclusion then was that is not possible. My hope is that something
> has changed since then.

I believe this doesn't change.
>
> Thanks
> Chad Bender

Reimar

--
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg-i/
 == ======
a IDL library at ForschungsZentrum Juelich
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

Subject: Re: Redirect STDOUT
Posted by Chad Bender on Fri, 13 Jun 2003 04:25:56 GMT
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Reimar Bauer <R.Bauer@fz-juelich.de> wrote:

: Does it help to set the xterm always in foregrund.
: I don't understand why you are using print and not a widget for the output?
: There are several available, Something like dialog_message or a text widget,

Setting the xterm to the foreground is not much of a help, as
it just covers up part of the widget. As for using a text
widget, that is what I would really like to do. The main program
is calling a bunch of distinct subroutines that are already
written and being used for other things. They were designed
for use at the command line, and use print or message,/info
statements to provide feedback to the user. Now when I
call them from my widget routine, their messages naturally
are displayed in the xterm as normal. What I really want is
someway to either redirect all STDOUT output to a text widget,
or else to a string array which I could then continuously dump
to a text widget. Unfortunately, I don't think anything like
this exists.

The only way I see of getting what I want is to make separate
versions of all the subroutines I call, which are designed to
display their output to a text widget. That is not a very
attractive prospect, and if it is the only option, I'll
probably just be content to have to switch back and forth
between the xterm and the top widget.

Chad

Subject: Re: Redirect STDOUT
Posted by R.Bauer on Fri, 13 Jun 2003 11:04:27 GMT
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Chad Bender wrote:
> Reimar Bauer <R.Bauer@fz-juelich.de> wrote:
>
> : Does it help to set the xterm always in foregrund.
> : I don't understand why you are using print and not a widget for the output?
> : There are several available, Something like dialog_message or a text widget,
>
> Setting the xterm to the foreground is not much of a help, as
> it just covers up part of the widget. As for using a text
> widget, that is what I would really like to do. The main program

> is calling a bunch of distinct subroutines that are already
> written and being used for other things. They were designed
> for use at the command line, and use print or message,/info
> statements to provide feedback to the user. Now when I
> call them from my widget routine, their messages naturally
> are displayed in the xterm as normal. What I really want is
> someway to either redirect all STDOUT output to a text widget,
> or else to a string array which I could then continuously dump
> to a text widget. Unfortunately, I don't think anything like
> this exists.
>

Did you have thougth on rereading the device of the terminal.
openr,lun,'/dev/stdout',/get_lun

Just an idea but should work

Reimar
> The only way I see of getting what I want is to make separate
> versions of all the subroutines I call, which are designed to
> display their output to a text widget. That is not a very
> attractive prospect, and if it is the only option, I'll
> probably just be content to have to switch back and forth
> between the xterm and the top widget.
>
> Chad

--
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
 -- -------
      a IDL library at ForschungsZentrum Juelich
   http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html
 == =======

Subject: Re: Redirect STDOUT
Posted by Chad Bender on Fri, 13 Jun 2003 16:25:16 GMT
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Reimar Bauer <R.Bauer@fz-juelich.de> wrote:

: Did you have thougth on rereading the device of the terminal.
: openr,lun,'/dev/stdout',/get_lun

: Just an idea but should work

I hadn't thought of that. I'll play around with it and see if I can
get it to work.

Thanks for your help

Chad