Subject: Re: Sharing program
Posted by David Fanning on Mon, 08 Oct 2007 17:28:26 GMT
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rpertaub@gmail.com writes:

> Now I am not sure how to export it so
> that I can run on VM? I tried saving the project as a .sav but that
> did not work (when I used to small icons on the project bar) but did
> when I tried a save as from the File menu.

Say what!? As far as I know, it is impossible
to create a save file from the File menu.

> However that .sav program
> does not work in VM. It gives me an error about using restore.
>
> Is restore not a command that is able to be shared?

RESTORE is certainly a command that can be used. Probably
your program is not finding the file where it expects to find
it (that is, in the same directory that the SAVE file is
located). Remember that your start up file, etc. do NOT
get run on the VM, so everything has to be located in the
same place if you expect to find it. Of course, your program
has to be written to look in that place, too. :-)

Cheers,

David

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Sharing program
Posted by rpertaub@gmail.com on Tue, 09 Oct 2007 17:29:46 GMT
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On Oct 8, 1:28 pm, David Fanning <da...@dfanning.com> wrote:
> rpert...@gmail.com writes:
>> Now I am not sure how to export it so
>> that I can run on VM? I tried saving the project as a .sav but that

>> did not work (when I used to small icons on the project bar) but did
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> get run on the VM, so everything has to be located in the
> same place if you expect to find it. Of course, your program
> has to be written to look in that place, too. :-)
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> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/

Right!

Playing around more, I was able to export and have the .sav file.
However, as you say, my problem is finding my files. I have a series
of procedures one after another, which look for images, process and
save them on the hard disk, and then restore in next procedure to do
some other analysis, and so on. Hence, lots of saving to E drive, and
restoring. I understand this will be a problem in VM, however, I saved
all the images I needed into the project and still it spits out an
error of not being able to find folder at cd.

Where are you supposed to save the images and read them from so that
there is no hic in VM? Is there a special filepath?

Thanks!
RP

Subject: Re: Sharing program
Posted by Rick Towler on Tue, 09 Oct 2007 18:18:18 GMT

rpertaub wrote:

> Where are you supposed to save the images and read them from so that
> there is no hic in VM? Is there a special filepath?

Yes, one that isn't hard coded :)

The best approach would be to make the user responsible. Throw up a
dialog or two to select a data/temp/whatever directory
(dialog_pickfile). Otherwise you're asking for it. If you really want
the frustration, download Jim Pendleton's sourcepath.pro from the ITTVIS
code contrib site:

http://www.ittvis.com/codebank/search.asp?FID=347

You can distribute your application (.sav) with a set of directories
where it looks for and writes data. sourcepath will allow you to get
the file path to those directories no matter where your application
directory exists.

-Rick

Subject: Re: Sharing program
Posted by rpertaub@gmail.com on Tue, 09 Oct 2007 19:47:44 GMT

On Oct 9, 2:18 pm, Rick Towler <rick.tow...@nomail.noaa.gov> wrote:
> rpertaub wrote:
>> Where are you supposed to save the images and read them from so that
>> there is no hic in VM? Is there a special filepath?
>
> Yes, one that isn't hard coded :)
>
> The best approach would be to make the user responsible. Throw up a
> dialog or two to select a data/temp/whatever directory
> (dialog_pickfile). Otherwise you're asking for it. If you really want
> the frustration, download Jim Pendleton's sourcepath.pro from the ITTVIS
> code contrib site:
>
> http://www.ittvis.com/codebank/search.asp?FID=347
>
> You can distribute your application (.sav) with a set of directories

> where it looks for and writes data. sourcepath will allow you to get
> the file path to those directories no matter where your application
> directory exists.
>
> -Rick

Thanks all for your help!
I actually moved all my data to one folder just in the c: drive, and
voila!

I have a different problem now, the program works on Virtual Machine,
I tested it on someone else's computer that does not have IDL.
However, the end result of my program is a window which shows my end
image (after n analysis and processing). However, the image appears
for a split second and then closes. How do I keep it open? It seems it
is ending the program, I am not sure how to make it not do that...

thanks,
rp

Subject: Re: Sharing program
Posted by Rick Towler on Tue, 09 Oct 2007 20:13:40 GMT
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rpertaub wrote:
> On Oct 9, 2:18 pm, Rick Towler <rick.tow...@nomail.noaa.gov> wrote:
>> rpertaub wrote:

> I have a different problem now, the program works on Virtual Machine,
> I tested it on someone else's computer that does not have IDL.
> However, the end result of my program is a window which shows my end
> image (after n analysis and processing). However, the image appears
> for a split second and then closes. How do I keep it open? It seems it
> is ending the program, I am not sure how to make it not do that...

Yes, the VM is exiting. At the very least you'll need to throw up a
dialog with DIALOG_MESSAGE() that will block until the user clicks o.k.
at which point your application will finish and the VM will exit.

You may want to take a look at my RHTvmConsole object that can act as a
simple replacement for console based applications in the VM that use
print and read. I've converted a few large programs over just using
search and replace. Using this, you could print out information
regarding the status of the processing, display the image, then wait for
the user to hit return to continue (or exit).

 www.acoustics.washington.edu/~towler/programs/RHTvmConsole.z ip

-Rick

(Dick, I do have your improved version (thank you!) that I will upload)

Subject: Re: Sharing program
Posted by David Fanning on Tue, 09 Oct 2007 20:14:06 GMT
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rpertaub@gmail.com writes:

> I have a different problem now, the program works on Virtual Machine,
> I tested it on someone else's computer that does not have IDL.
> However, the end result of my program is a window which shows my end
> image (after n analysis and processing). However, the image appears
> for a split second and then closes. How do I keep it open? It seems it
> is ending the program, I am not sure how to make it not do that...

Don't exit your program, simply. :-)

Perhaps a GUI with a QUIT button is all you need.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")