
Subject: Re: VM Application Error

Posted by [Vince Hradil](#) on Fri, 07 Nov 2008 15:38:50 GMT

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On Nov 7, 9:22 am, vino <astrocr...@gmail.com> wrote:

> Hi everyone,
> During my first attempt at IDL application development using VM, I
> came across a problem. Hope someone can help me.
> I created a .sav file using IDL 7.0 workbench to be run in VM. When i
> run this application in a VM, i get the error message ' Execute not
> available
> Please consult the supplier of the application'
>
> I have not used the command 'Execute' in this application at all. I
> have called only procedures and functions. What can be the probable
> cause of the error??
>
> Thanks in advance,
> Regards,
> Vino

Perhaps you are using a library procedure that uses EXECUTE?

Subject: Re: VM Application Error

Posted by [vino](#) on Fri, 07 Nov 2008 16:11:02 GMT

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Hi!

Thats what i also thought and tried to find the 'execute' command
using the workbench feature 'Search' but to no avail. Is my only
solution going through each and every library procedure thats being
used? It is quite a big application !! :(

Thanks and regard,

Vino

Subject: Re: VM Application Error

Posted by [Vince Hradil](#) on Fri, 07 Nov 2008 16:26:16 GMT

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On Nov 7, 10:11 am, vino <astrocr...@gmail.com> wrote:

> Hi!
> Thats what i also thought and tried to find the 'execute' command
> using the workbench feature 'Search' but to no avail. Is my only
> solution going through each and every library procedure thats being
> used? It is quite a big application !! :(

> Thanks and regard,
> Vino

You could do a `resolve_all` and post the output - maybe something will ring a bell with someone?

Subject: Re: VM Application Error
Posted by [vino](#) on Fri, 07 Nov 2008 16:40:16 GMT
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Hi !

When i do a 'resolve_all', prompt is returned with nothing else printed. Here is what i did:

```
*** Build Project: 'star_tracking'
*** Compiling files...
*** Compile complete: Time = 1.527s
*** Running build command: resolve_all
*** Creating save file...
*** Save File At: /data1/vs/star_tracking/star_tracking.sav
*** Build complete: Time = 4.051s
IDL> resolve_all
```

Thanks and regards,
Vino

Subject: Re: VM Application Error
Posted by [David Fanning](#) on Fri, 07 Nov 2008 16:40:24 GMT
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vino writes:

> Thats what i also thought and tried to find the 'execute' command
> using the workbench feature 'Search' but to no avail. Is my only
> solution going through each and every library procedure thats being
> used? It is quite a big application !! :(

GREP is a big help. :-)

The one I use on my Windows machine is *fantastic*.

<http://www.wingrep.com/>

This search would take a couple of seconds, at worst.

Cheers,

David

--

David Fanning, Ph.D.

Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: VM Application Error

Posted by [Vince Hradil](#) on Fri, 07 Nov 2008 17:18:44 GMT

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On Nov 7, 10:40 am, vino <astrocr...@gmail.com> wrote:

```
> Hi !
> When i do a 'resolve_all', prompt is returned with nothing else
> printed. Here is what i did:
>
> *** Build Project: 'star_tracking'
> *** Compiling files...
> *** Compile complete: Time = 1.527s
> *** Running build command: resolve_all
> *** Creating save file...
> *** Save File At: /data1/vs/star_tracking/star_tracking.sav
> *** Build complete: Time = 4.051s
> IDL> resolve_all
>
> Thanks and regards,
> Vino
```

Do a .reset first.

Subject: Re: VM Application Error

Posted by [Vince Hradil](#) on Fri, 07 Nov 2008 18:03:20 GMT

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On Nov 7, 11:18 am, Vince Hradil <vincehra...@gmail.com> wrote:

```
> On Nov 7, 10:40 am, vino <astrocr...@gmail.com> wrote:
>
>> Hi !
>> When i do a 'resolve_all', prompt is returned with nothing else
>> printed. Here is what i did:
>
```

```
>> *** Build Project: 'star_tracking'
>> *** Compiling files...
>> *** Compile complete: Time = 1.527s
>> *** Running build command: resolve_all
>> *** Creating save file...
>> *** Save File At: /data1/vs/star_tracking/star_tracking.sav
>> *** Build complete: Time = 4.051s
>> IDL> resolve_all
>
>> Thanks and regards,
>> Vino
>
> Do a .reset first.
```

I posted this in the other thread <http://tinyurl.com/5jhnkqc>

If you do a CTRL+H and search your workspace for execute(you might find it:

In particular - search gives the following for "execute(" in coyoteprograms:

```
display.pro
fsc_psconfig__define.pro (2 matches)
ps_form.pro (5 matches)
xwindow.pro (8 matches)
```

Are you using any of these?

Subject: Re: VM Application Error
Posted by [David Fanning](#) on Fri, 07 Nov 2008 18:36:18 GMT
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Vince Hradil writes:

```
> If you do a CTRL+H and search your workspace for execute( you might
> find it:
>
> In particular - search gives the following for "execute(" in
> coyoteprograms:
> display.pro
> fsc_psconfig__define.pro (2 matches)
> ps_form.pro (5 matches)
> xwindow.pro (8 matches)
>
> Are you using any of these?
```

What!?

I'll check this out. I wonder what they are doing there. :-(

Cheers,

David

--

David Fanning, Ph.D.

Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: VM Application Error

Posted by [vino](#) on Fri, 07 Nov 2008 18:46:02 GMT

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Hi!

I built the project only after doing a .reset.

And i am not using any of the mentioned programs like display.pro or ps_form.pro,etc...

My application is basically doing aperture photometry mostly using the Solarsoft libraries. Since i am presently working in a linux environment, i will export my application to the Windows machine and try the GREP.

Thanks and regards,

Vino

Subject: Re: VM Application Error

Posted by [Vince Hradil](#) on Fri, 07 Nov 2008 18:55:46 GMT

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On Nov 7, 12:46 pm, vino <astrocr...@gmail.com> wrote:

> Hi!

> I built the project only after doing a .reset.

> And i am not using any of the mentioned programs like display.pro or

> ps_form.pro,etc...

> My application is basically doing aperture photometry mostly using the

> Solarsoft libraries. Since i am presently working in a linux

> environment, i will export my application to the Windows machine and

> try the GREP.

>

> Thanks and regards,

> Vino

Whoa... your linux box should have grep. Why not just do it there?

Also, resolve_all doesn't resolve anything else? Most unusual. I must be missing something.

Subject: Re: VM Application Error
Posted by [pgrigis](#) on Fri, 07 Nov 2008 19:17:02 GMT
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vino wrote:

- > Hi!
- > I built the project only after doing a .reset.
- > And i am not using any of the mentioned programs like display.pro or
- > ps_form.pro,etc...
- > My application is basically doing aperture photometry mostly using the
- > Solarsoft libraries. Since i am presently working in a linux

Some programs in solarsoft do use execute....
Can you tell me with branch are you using?

Ciao,
Paolo

- > environment, i will export my application to the Windows machine and
 - > try the GREP.
 - >
 - > Thanks and regards,
 - > Vino
-

Subject: Re: VM Application Error
Posted by [pgrigis](#) on Fri, 07 Nov 2008 19:19:22 GMT
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Paolo wrote:

- > vino wrote:
- >> Hi!
- >> I built the project only after doing a .reset.
- >> And i am not using any of the mentioned programs like display.pro or
- >> ps_form.pro,etc...
- >> My application is basically doing aperture photometry mostly using the
- >> Solarsoft libraries. Since i am presently working in a linux
- >
- > Some programs in solarsoft do use execute....
- > Can you tell me with branch are you using?

Look whether "main_execute" has been compiled...

Ciao,
Paolo

>
> Ciao,
> Paolo
>
>> environment, i will export my application to the Windows machine and
>> try the GREP.
>>
>> Thanks and regards,
>> Vino

Subject: Re: VM Application Error
Posted by [vino](#) on Mon, 10 Nov 2008 11:51:55 GMT
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Hi!
Thank you all for your replies.
@Paolo:
I am using STEREO branch of the solarsoft libraries and 'grep' (that statement about changing to windows was completely stupid of me,Hradil) or 'search' didnt find any 'execute' or 'main_execute' anywhere at my program.

I have redone the whole application with a different data set and waiting for my admin permission to run in a non-IDL machine. I want to be able to recreate this error to be sure that it is not one corrupted routine or something simple...Since i am able to run this in an IDL machine without a glitch.

Thanks again for your help,

Regards,
Vino

Subject: Re: VM Application Error
Posted by [pgrigis](#) on Mon, 10 Nov 2008 15:08:31 GMT
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vino wrote:
> Hi!
> Thank you all for your replies.
> @Paolo:

> I am using STEREO branch of the solarsoft libraries and 'grep' (that
> statement about changing to windows was completely stupid of
> me,Hradil) or 'search' didnt find any 'execute' or 'main_execute'
> anywhere at my program.

I beg to disagree ;-)

Ciao,
Paolo

```
find . -name '*.pro' | xargs grep 'execute'
```

```
./stereo/gen/idl/spice/test_spice_icy_dlm.pro: return, execute('test =  
cspice_b1950()',1)  
./stereo/gen/idl/spice/unload_stereo_spice.pro: if not  
execute('cspice_kclear') then begin  
./stereo/secchi/data/PT/PRO/read_ip_dat.pro:;  
result.ip_oht      floar: overhead (sec) to execute a functi  
on  
./stereo/secchi/data/PT/PRO/plan_set.pro:      ; executed only if a  
new session of plan_set is started so if some of the images w  
ere deleted  
./stereo/secchi/data/PT/PRO/remove_common_blocks.pro:;  
To execute this file, issue the following command from the ID  
L  
./stereo/secchi/idl/display/movie/sxplot_ht.pro:; (brought into  
existence) when the following line is executed.  
./stereo/secchi/idl/display/movie/wscm_mkmovie.pro:      status=  
execute('tfn= tfiles."+tn(inp)')  
./stereo/secchi/idl/database/lister.pro:      '2. Press "Proceed"  
to execute selection or "Quit" to exit.]  
./stereo/secchi/idl/database/all_secchi_menus.pro:;;  
ret=execute(cmnd)  
./stereo/secchi/idl/database/scc_regen_summary.pro:      if not  
execute(command) then message, /continue, $  
./stereo/secchi/idl/database/scc_regen_summary.pro:      if not  
execute(command) then message, /continue, $  
./stereo/secchi/idl/database/sqdb_tools.pro: exx= execute("st=  
"+input_select)  
./stereo/secchi/idl/database/sqdb_tools.pro:  
exx=execute(out_fname+"= sub_st")  
./stereo/secchi/idl/database/plot_rows.pro:      out=  
execute("camera_field= st."+tags(i))  
./stereo/secchi/idl/database/plot_rows.pro:      out= execute("s=  
size(st."+tags(0)+")") ; get # of elements (rows)  
./stereo/secchi/idl/database/plot_rows.pro:      out=  
execute("cur_field_vals= st."+tags(j))  
./stereo/secchi/idl/database/print_srows.pro:      out=
```

```

execute("camera_field= st."+tags(i))
./stereo/secchi/idl/database/print_srows.pro:  out= execute("s=
size(st."+tags(0)+")") ; get # of elements (rows)
./stereo/secchi/idl/database/print_srows.pro:  out=
execute("cur_field_vals= st."+tags(j))
./stereo/secchi/idl/database/scclister.pro:      ; res=
execute('flist= {'+sc_arr(0)+':async,'+ $
./stereo/secchi/idl/pipeline/secchi_reduce.pro:
res1=execute(stmts[5])
./stereo/secchi/idl/pipeline/secchi_reduce.pro:
res2=execute(stmts[6])
./stereo/secchi/idl/sccgen/scc_read_ip_dat.pro:;
result.ip_oht      floar: overhead (sec) to execute a fun
ction
./stereo/secchi/idl/prep/secchi_prep.pro:; Use execute for discri_pobj
to avoid compilation error for people that don't have the nr
lgen directory installed
./stereo/secchi/idl/prep/secchi_prep.pro:
foo=execute('im=discri_pobj(im,thres=discri_pobj_on[0],bias= discri_pobj_on[
1])')
./stereo/secchi/idl/prep/secchi_prep.pro:      'COR2' :
foo=execute('im=discri_pobj(im,thres=0.01,bias=0.)')
./stereo/secchi/idl/prep/xsecchi_prep.pro:  status=execute(exstr)
./stereo/secchi/idl/scraytrace/rtfrontend.pro:abc =
execute('Tfovpx=float('+fovpx[0]+')')
./stereo/secchi/idl/scraytrace/rtfrontend.pro:  ;tempy =
execute(tempex(0))
./stereo/secchi/idl/scraytrace/rtfrontend.pro:  tempy =
execute(tempy[0])
./stereo/secchi/idl/scraytrace/rtfrontend.pro:  ;tempy =
execute(tempy[0])
./stereo/secchi/idl/scraytrace/parsemoddefparam.pro:  r=execute(com)
./stereo/secchi/idl/scraytrace/parsemoddefparam.pro:  if not
execute(com) then $
./stereo/secchi/idl/scraytrace/parsemoddefparam.pro:; ---- execute the
IDL script to build modparam
./stereo/secchi/idl/scraytrace/parsemoddefparam.pro:; -- execute
./stereo/secchi/idl/scraytrace/makewire.pro:      tempy =
execute(cmd)
./stereo/secchi/idl/scraytrace/makewire.pro: tempy = execute(dgr)
else begin
./stereo/ssc/idl/spice/ssc_ah_reduce.pro:; Form the CKSMOOTH command,
and execute it.
./stereo/ssc/idl/spice/ssc_ah_reduce.pro:; Form the CKSMRG command,
and execute it.
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro:  test =
execute('epoch_sep = epoch_sep_5' + sc + ' * 300d3')
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro:  test =

```

```
execute('sfseptelectrons = sfseptelectrons_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfhetelectrons = sfhetelectrons_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfseptions1 = sfseptions1_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfseptions2 = sfseptions2_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfletprotons = sfletprotons_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfhetprotons = sfhetprotons_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfsithe = sfsithe_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfsitcno = sfsitcno_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfsitfe = sfsitfe_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sflethe = sflethe_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfletcno = sfletcno_5' + sc + $
./stereo/ssc/idl/beacon/ssc_insitu_beacon_sep.pro: test =
execute('sfletfe = sfletfe_5' + sc + $
```

>
> I have redone the whole application with a different data set and
> waiting for my admin permission to run in a non-IDL machine. I want to
> be able to recreate this error to be sure that it is not one corrupted
> routine or something simple...Since i am able to run this in an IDL
> machine without a glitch.
>
> Thanks again for your help,
>
> Regards,
> Vino

Subject: Re: VM Application Error
Posted by [vino](#) on Tue, 11 Nov 2008 12:53:08 GMT
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Hi Paolo,

I think i wasnt clear in my mail. I too found these files in my library but i am not using these in my application . I found the program which was causing the problem. It was factor.pro which i was using in my centroiding which has this 'execute' command . I am trying to work a way around it..

Thanks again for your time and effort,
regards,
Vino
