
Subject: Re: simple .sav doesn't work

Posted by [loebasboy](#) on Fri, 21 Nov 2008 15:26:04 GMT

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On 21 nov, 16:22, loebasboy <stijn....@gmail.com> wrote:

```
> Hello,
>
> at first I wanted to try out the command line arguments of the idl
> virtual machine in combination with a simple summation program, just
> to test it out...
>
> PRO test_sav
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> cla = command_line_args(count = count)
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> c = a + b
> header = string(c)
> file = filepath('test.txt', root_dir='d:')
>   OpenW, lun3, file, /Get_Lun
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>
> END
```

Sorry for the half message but I hit tab and space too soon.

To conclude, I thought the problem was with command line arguments but when I replaced a and b with simple numbers instead of the cla arguments and executed the .sav with virtual machine nothing happend.

If I run the program in idl with compile and run, it does what is supposed to do. What am I doing wrong here? Sorry if this is a very stupid question, but it is the end of the week and I'm out of options ;)

thanks in advance

Subject: Re: simple .sav doesn't work

Posted by [R.Bauer](#) on Fri, 21 Nov 2008 16:12:30 GMT

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loebasboy schrieb:

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> thanks in advance
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command line args don't work with vm mode (at least I think it doesn't)
you have to think on a different way to get your data into the routine

e.g.

env vars

an ini file can be used to build an _extra structure

(http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl_html/dbase/read_ini_dbase.pro.html)
a gui

cheers

Reimar

Subject: Re: simple .sav doesn't work

Posted by [Michael Galloy](#) on Fri, 21 Nov 2008 16:55:13 GMT

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On Nov 21, 9:12 am, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:

> command line args don't work with vm mode (at least I think it doesn't)
> you have to think on a different way to get your data into the routine

Command line arguments should work in vm mode. For example, I do things like:

```
idl -vm=test.sav -arg input_file
```

Something else is going on for the OP.

Mike

--

www.michaelgalloy.com

Tech-X Corporation

Associate Research Scientist

Subject: Re: simple .sav doesn't work

Posted by [Michael Galloy](#) on Fri, 21 Nov 2008 16:59:43 GMT

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On Nov 21, 8:22 am, loebasboy <stijn....@gmail.com> wrote:

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>   Free_Lun, lun3
>
> END
```

This program (only modified to make ROOT_DIR point to something reasonable for me), works for me:

```
IDL> .compile test_sav
% Compiled module: TEST_SAV.
IDL> save, /routines, filename='test_sav.sav'
IDL> exit
```

```
Desktop$ idl -vm=test_sav.sav -args 1 2
% Program caused arithmetic error: Floating illegal operand
Desktop$ cat test.txt
12
```

Mike

--

www.michaelgalloy.com
Tech-X Corporation
Associate Research Scientist

Subject: Re: simple .sav doesn't work
Posted by [Vince Hradil](#) on Fri, 21 Nov 2008 17:00:45 GMT
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```
On Nov 21, 10:12 am, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:
> loebasboy schrieb:
>
>
>
>> On 21 nov, 16:22, loebasboy <stijn....@gmail.com> wrote:
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> e.g.
> env vars
> an ini file can be used to build an _extra structure
> ( http://www.fz-juelich.de/icg/icg-1/idl\_icglib/idl\_source/idl\_html/dba...)
> a gui
>
> cheers
> Reimar

```

command line args should work in the vm (at least I think it does ;^)

Of course, you can't just pass the arguments, you have to use -args when you call idl:

```
idl -vm=test_sav.sav -args 5 6
```

Remember, also, that the args are passed as a string array(!), so your code will fail there, too. Perhaps:

PRO test_sav

```

;; this might help you debug it, too:
catch, theError
if theError ne 0 then begin
    catch, /CANCEL
    void = error_message()
    return, 0
endif

```

```

cla = command_line_args(count = count)
a = FIX(cla[0])
b = FIX(cla[1])

```

```

c = a + b
header = string(c)
file = filepath('test.txt', root_dir='d:')
OpenW, lun3, file, /Get_Lun
PrintF, lun3, header
Free_Lun, lun3

```

END

Subject: Re: simple .sav doesn't work
Posted by [R.Bauer](#) on Fri, 21 Nov 2008 21:26:25 GMT
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thanks seems I have ignored this feature. :)

cheers
Reimar

Subject: Re: simple .sav doesn't work
Posted by [loebasboy](#) on Tue, 25 Nov 2008 09:37:50 GMT
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On 21 nov, 22:26, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:
> thanks seems I have ignored this feature. :)
>
> cheers
> Reimar

thanks for the answers people!
looking back at it, the problem was that I had build the program with
IDL+ENVI, and that doesn't work with IDL VM apparantly :s
too bad
