
Subject: Re: run .sav file with -args

Posted by [ben.bighair](#) on Mon, 15 Nov 2010 17:27:20 GMT

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On 11/15/10 11:53 AM, Truong Le wrote:

> On Nov 14, 8:42 pm, Truong Le<truong...@gmail.com> wrote:

>> On Nov 14, 8:28 pm, David Fanning<n...@dfanning.com> wrote:

>>

>>

>>

>>> Truong Le writes:

>>>> It complains that the sayhello.sav function/procedure is undefined

>>>> but the sayhello.sav file does exist. Please let me know if the way I

>>>> execute my

>>>> procedure using the .sav file is correct.

>>

>>> Have you tried specifying the complete path to the file?

>>

>>> 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.")

>>

>> when I type

>>

>> idl sayhello.sav -args param1 param2

>>

>> there is a directory widget the pop-up which allows me to select the

>> sayhello.sav,

>> so I am sure the path is correct.

>

> I read other posting and realize that I can't run the .sav file with -

> args.

> Here is an example what I try to accomplish.

>

> I have a procedure that takes command line arguments as follow:

>

> pro test

>

> ; parse the parameters

> numArgs = 2

> par = COMMAND_LINE_ARGS(COUNT=numArgs)

>

```
> print, par[0]
> print, par[1]
> end
>
> when I ran this procedure from the dos command line using idlde by
> doing
> idlde -args hello hi
>
> and execute the test procedure it print both "hello" and "hi"
>
> I ran the idlde build project and this creates a test.sav file
>
> I need to know how I can execute idl -vm = test.sav from the unix and
> passing
> in the two arguments that I need. Is this task not possible?
>
> Thanks
```

Hi,

I suspect that the spaces you have inserted around "=" might be part of the issue.

Here's how I run it from command line.

```
Minke:~ ben$ idl -vm=cmd_args.sav -args hello world
IDL Version 7.1, Mac OS X (darwin x86_64 m64). (c) 2009, ITT Visual
Information Solutions
```

```
arg[0] = hello
arg[1] = world
```

Here's my test routine

PRO cmd_args

```
par = COMMAND_LINE_ARGS(COUNT=numArgs)
IF (numArgs NE 0) THEN BEGIN
  for i = 0, numArgs-1 do $
    print, "arg[" + StrTrim(i,2) + "] = " + par[i]
ENDIF ELSE BEGIN
  print, "No arguments passed"
ENDELSE
```

END

I made the SAV file this way...

```
IDL> .full_reset
```

```
IDL> .comp cmd_args
```

```
% Compiled module: CMD_ARGS.
```

```
IDL> SAVE, /ROUTINES, filename = "cmd_args.sav"
```

Cheers,
Ben
