
Subject: Re: run .sav file with -args

Posted by [Truong Le](#) on Mon, 15 Nov 2010 20:31:30 GMT

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On Nov 15, 12:27 pm, Ben Tupper <ben.bigh...@gmail.com> wrote:

> 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
```

It works! thanks Ben
