Subject: Re: run .sav file with -args Posted by Truong Le on Mon, 15 Nov 2010 22:42:23 GMT

View Forum Message <> Reply to Message

```
On Nov 15, 3:31 pm, Truong Le <truong...@gmail.com> wrote:
> 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.say 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 -
>>> 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
```

what do I need to modify to run the .sav file from the window environment.

I know that window doesn't run idl but idlde so any help is appreciated.

Thanks