
Subject: passing parameters

Posted by [b.schneider](#) on Thu, 06 Mar 2003 17:27:30 GMT

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Hello,

I have a problem with stand-alone applications and passing parameters.

I have made a very simple procedure (test.pro) as an example, which is:

```
pro test, A
```

```
    xyouts, 0.5, 0.5, A
```

```
end
```

If I write "test, 36" in the command line in IDL, a new window is created with "36" written in the middle of it. Simple and it works.

Now, I made a stand-alone application (test.sav) of this procedure, following the instructions you give in your web-site, because I would like to use test.sav from outside of IDL. Therefore, I also made a DOS Batch file to call this new application with the single line:

```
"c:\test.sav 36"
```

The parameter "36" doesn't pass through the routine into the variable A.

How can I get that fixed?

Thank you in advance :)

Bastienne

Subject: Re: passing parameters

Posted by [R.Bauer](#) on Thu, 06 Mar 2003 18:24:23 GMT

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Bastienne Schneider wrote:

Dear Bastienne

I am using the following trick.

```
PRO test
  DEVICE,decomposed=0
  TEK_COLOR
  m=GETENV("VAR")

  XYOUTS, 0.5, 0.5, m,color=4,chars=5,/NORM

  WAIT,10
END
```

This must be saved for runtime usage.

And then this is described for linux bash:

a simple shell script named for example test.sh
with execute rights

```
export VAR=$1
idl -rt='/home/idl/test.sav'
```

test.sh 23 gives the result you wish to have

I believe in M\$ it should work too but I don't remember at the moment
how environment variables were defined. Was it set ?

regards

Reimar

```
> Hello,
>
> I have a problem with stand-alone applications and passing parameters.
>
> I have made a very simple procedure (test.pro) as an example, which
> is:
>
> pro test, A
>
>   xyouts, 0.5, 0.5, A
>
> end
>
> If I write "test, 36" in the command line in IDL, a new window is
```

> created with "36" written in the middle of it. Simple and it works.
>
> Now, I made a stand-alone application (test.sav) of this procedure,
> following the instructions you give in your web-site, because I would
> like to use test.sav from outside of IDL. Therefore, I also made a DOS
> Batch file to call this new application with the single line:
>
> "c:\test.sav 36"
>
> The parameter "36" doesn't pass through the routine into the variable
> A.
> How can I get that fixed?
>
> Thank you in advance :)
>
> Bastienne

--

Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg-i/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

Subject: Re: passing parameters
Posted by [b.schneiter](#) on Sat, 08 Mar 2003 16:52:42 GMT
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Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
news:<b483ql\$5t0g\$1@zam602.zam.kfa-juelich.de>...

> Bastienne Schneiter wrote:
>
> Dear Bastienne
>
>
> I am using the following trick.
>
>
>
> PRO test
> DEVICE,decomposed=0
> TEK_COLOR
> m=GETENV('VAR')
>
> XYOUTS, 0.5, 0.5, m,color=4,chars=5,/NORM
>

> WAIT,10
> END
>
> This must be saved for runtime usage.
>
>
> And then this is described for linux bash:
>
> a simple shell script named for example test.sh
> with execute rights
>
> export VAR=\$1
> idl -rt='/home/idl/test.sav'
>
>
> test.sh 23 gives the result you wish to have
>
> I believe in M\$ it should work too but I don't remember at the moment
> how environment variables were defined. Was it set ?
>
> regards
>
> Reimar
>
>

Thanks a lot, it works!

I made a DOS batch to run my test.sav and I obtained a wonderfull, big
and blue "23" in my window. That's all I wanted :)

Have a nice day

Bastienne

Subject: Re: passing parameters
Posted by [R.Bauer](#) on Wed, 12 Mar 2003 14:17:46 GMT
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Bastienne Schneiter wrote:

> Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
news:<b483ql\$5t0g\$1@zam602.zam.kfa-juelich.de>...

>

>> Bastienne Schneiter wrote:

>>

>> Dear Bastienne

>>

```
>>
>> I am using the following trick.
>>
>>
>>
>> PRO test
>>   DEVICE,decomposed=0
>>   TEK_COLOR
>>   m=GETENV('VAR')
>>
>>   XYOUTS, 0.5, 0.5, m,color=4,chars=5,/NORM
>>
>>   WAIT,10
>> END
>>
>> This must be saved for runtime usage.
>>
>>
>> And then this is described for linux bash:
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>> a simple shell script named for example test.sh
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>> export VAR=$1
>> idl -rt='/home/idl/test.sav'
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>>
>> test.sh 23 gives the result you wish to have
>>
>> I believe in M$ it should work too but I don't remember at the moment
>> how environment variables were defined. Was it set ?
>>
>> regards
>>
>> Reimar
>>
>>
>
>
> Thanks a lot, it works!
>
> I made a DOS batch to run my test.sav and I obtained a wonderfull, big
> and blue "23" in my window. That's all I wanted :)
>
> Have a nice day
>
> Bastienne
```

Dear Bastienne

please can you post your dos shell programm because then it goes into the archive.

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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