
Subject: Re: how to create IDL batch job in window?

Posted by netnews.comcast.net on Thu, 10 Feb 2005 03:48:56 GMT

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> Does anyone know how to create a batch job to run IDL in window
> system?
> Say I have a program that takes different inputs,
> pro addmap_to_hdfeos, fname, clr_table=clrtab.....
>
> I would like to create a batch job that will start IDL and run the
> program several times with different inputs. I know that you can start
> IDL from a DOS window by typing idlde, but what would be the command
> for the next step to fill in IDL command line and run the program.

My guess is that you can't do this w/o something like winBatch or
keyText. winBatch is far more powerful but costly. KeyText is
basically a glorified keyboard/mouse macro recorder but it is free to
try and \$25 to buy.

I haven't used ketText with IDL but I have used it with another
application where we needed to run hundreds to iterations changing
parameters only accessible via the gui. It worked great.

-Rick

Subject: Re: how to create IDL batch job in window?

Posted by [KM](#) on Thu, 10 Feb 2005 03:58:42 GMT

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On Wed, 9 Feb 2005, Rick Towler wrote:

>> Does anyone know how to create a batch job to run IDL in window
>> system? Say I have a program that takes different inputs,
>> pro addmap_to_hdfeos, fname, clr_table=clrtab.....
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>> I would like to create a batch job that will start IDL and run
>> the program several times with different inputs. I know that you
>> can start IDL from a DOS window by typing idlde, but what would
>> be the command for the next step to fill in IDL command line and
>> run the program.

What exactly do you mean by batch? Since you are on windows, you
don't really have the concept of logging in from remote or doing
things while you are logged out, do you? Not sure about this...

Do you need to start IDL via the batch program, or could you start
IDL manually and then run the batch at that point? Can't you just
create a wrapper program that calls yours several different times

and then run the wrapper program?

The wrapper program could be a procedure, or just some command-line style IDL that you call via the @operator.

More info would help.

-k.

Subject: Re: how to create IDL batch job in window?
Posted by [Mark Hadfield](#) on Thu, 10 Feb 2005 04:16:32 GMT
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swoo@stcnet.com wrote:

> Does anyone know how to create a batch job to run IDL in window
> system?
> Say I have a program that takes different inputs,
> pro addmap_to_hdfeos, filename, clr_table=clrtab.....
>
> I would like to create a batch job that will start IDL and run the
> program several times with different inputs. I know that you can start
> IDL from a DOS window by typing idlde, but what would be the command
> for the next step to fill in IDL command line and run the program.

Enter the commands you want to execute into a script file and specify that as your start-up file via File/Preferences/Startup.

With a little more effort, you can avoid opening the IDLDE window by using the IDL run-time, see

http://www.dfanning.com/tips/idl_icon.html

--

Mark Hadfield "Ka puwaha te tai nei, Hoesa tatou"
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Subject: Re: how to create IDL batch job in window?
Posted by [Mark Hadfield](#) on Thu, 10 Feb 2005 04:49:04 GMT
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Mark Hadfield wrote:

> Enter the commands you want to execute into a script file and specify
> that as your start-up file via File/Preferences/Startup.

Actually, you don't need to do that. You can specify the script on the command line. Eg, I create a file called test.pro in C:\temp and insert the IDL command print, "hello". Then I can execute it from a command prompt as follows:

```
C:\>type C:\temp\test.pro  
print, "hello"
```

```
C:\>"C:\Program Files\RSI\IDL61\bin\bin.x86\idlde.exe" @C:\temp\test
```

IDLDE starts up and prints hello on its console screen.

You should also review the following thread

http://groups-beta.google.com/group/comp.lang.idl-pvwave/browse_frm/thread/3664daea68830b0d/553c5fc9235761d7?q=windows+batch+group:comp.lang.idl-pvwave&_done=%2Fgroups%3Fq%3Dwindows+batch+group:comp.lang.idl-pvwave%26start%3D10%26num%3D10%26hl%3Den%26ie%3DUTF-8%26lr%3D%26as_drrb%3Dq%26as_qdr%3D%26as_mind%3D1%26as_minm%3D1%26as_miny%3D1981%26as_maxd%3D9%26as_maxm%3D2%26as_maxy%3D2005%26safe%3Doff%26&_doneTitle=Back+to+Search&&d#553c5fc9235761d7

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Subject: Re: how to create IDL batch job in window?
Posted by [David Fanning](#) on Thu, 10 Feb 2005 08:32:09 GMT
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Mark Hadfield writes:

```
> You should also review the following thread  
>  
> http://groups-beta.google.com/group/comp.lang.idl-pvwave/browse_frm/thread/3664daea68830b0d/553c5fc9235761d7?q=windows+batch+group:comp.lang.idl-pvwave&_done=%2Fgroups%3Fq%3Dwindows+batch+group:comp.lang.idl-pvwave%26start%3D10%26num%3D10%26hl%3Den%26ie%3DUTF-8%26lr%3D%26as_drrb%3Dq%26as_qdr%3D%26as_mind%3D1%26as_minm%3D1%26as_miny%3D1981%26as_maxd%3D9%26as_maxm%3D2%26as_maxy%3D2005%26safe%3Doff%26&_doneTitle=Back+to+Search&&d#553c5fc9235761d7
```

Uh, one word: TinyURL:

<http://tinyurl.com/>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: how to create IDL batch job in window?

Posted by [SWOO](#) on Fri, 11 Feb 2005 18:43:40 GMT

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Thank you. The info you provide is what I am trying to do. :)

Uhm.... I never used the @operator before....

Shannon

Mark Hadfield wrote:

> Mark Hadfield wrote:

>> Enter the commands you want to execute into a script file and specify

>> that as your start-up file via File/Preferences/Startup.

>

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> print, "hello"

>

> C:\>"C:\Program Files\RSI\IDL61\bin\bin.x86\idlde.exe" @C:\temp\test

>

> IDLDE starts up and prints hello on its console screen.

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> You should also review the following thread

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>

http://groups-beta.google.com/group/comp.lang.idl-pvwave/browse_frm/thread/3664daea68830b0d/553c5fc9235761d7?q=windows+batch+group:comp.lang.idl-pvwave&_done=%2Fgroups%3Fq%3Dwi

ndows+batch+group:comp.lang.idl-pvwave%26start%3D10%26num%3D
10%26hl%3Den%26ie%3DUTF-8%26lr%3D%26as_drrb%3Dq%26as_qdr%3D%
26as_mind%3D1%26as_minm%3D1%26as_miny%3D1981%26as_maxd%3D9%2
6as_maxm%3D2%26as_maxy%3D2005%26safe%3Doff%26&_doneTitle
=Back+to+Search&&d#553c5fc9235761d7

>

> --

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