
Subject: running idl from a cron job
Posted by [rlayberry](#) on Fri, 01 Feb 2008 17:19:47 GMT
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hi

can someone give me a link to show how to run an idl peice of code
from a unix shell script

thanks

ruSS

Subject: Re: running idl from a cron job
Posted by [pgrigis](#) on Fri, 01 Feb 2008 19:36:30 GMT
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Well, here's how I do it (there may be other ways tough).

Define a shell script doing two things:

- set up an IDL_STARTUP environmental variable with the full path to a valid IDL program (let's say is called idl_startup.pro)
- start idl

Then, in idl_startup.pro put in

[your initialization for IDL]

your_program

exit
end

This way, you can put the shell script in your cron table,
and this will execute your IDL initializations, then
the program called your_program and exit IDL when
your_program is finished.

Ciao,
Paolo

rlaybe...@hotmail.com wrote:

> hi
>

> can someone give me a link to show how to run an idl peice of code
> from a unix shell script
>
> thanks
>
> russ

Subject: Re: running idl from a cron job
Posted by [Michael Galloy](#) on Fri, 01 Feb 2008 22:26:21 GMT
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On Feb 1, 10:19 am, rlaybe...@hotmail.com wrote:

> can someone give me a link to show how to run an idl peice of code
> from a unix shell script

http://idlastro.gsfc.nasa.gov/idl_html_help/Command_Line_Options_for_IDL_Startup.html

Mike

--

www.michaelgalloy.com
Tech-X Corporation
Software Developer II

Subject: Re: running idl from a cron job
Posted by [Benjamin Hornberger](#) on Sat, 02 Feb 2008 18:25:15 GMT
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rlayberry@hotmail.com wrote:

> hi
>
> can someone give me a link to show how to run an idl peice of code
> from a unix shell script
>

This thread might be relevant:

http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/b1707d617132fd18

Cheers,
Benjamin

Subject: Re: running idl from a cron job
Posted by [rlayberry](#) on Wed, 05 Mar 2008 14:44:51 GMT

On 1 Feb, 19:36, pgri...@gmail.com wrote:

```
> Well, here's how I do it (there may be other ways tough).
>
> Define a shell script doing two things:
>
> - set up an IDL_STARTUP environmental variable with the full path to a
> valid
> IDL program (let's say is called idl_startup.pro)
> - start idl
>
> Then, in idl_startup.pro put in
>
> [your initialization for IDL]
>
> your_program
>
> exit
> end
>
> This way, you can put the shell script in your cron table,
> and this will execute your IDL initializations, then
> the program called your_program and exit IDL when
> your_program is finished.
>
> Ciao,
> Paolo
>
>
> rlaybe...@hotmail.com wrote:
>> hi
>
>> can someone give me a link to show how to run an idl peice of code
>> from a unix shell script
>
>> thanks
>
>> russ- Hide quoted text -
```

Hi

Thanks for this. I had a play with it and what i do now is just put

idl -IDL_STARTUP myfile

in the shell script called from the cron job

and myfile is the batchfile which is run

ruSS

Subject: Re: running idl from a cron job
Posted by [Michael Galloy](#) on Wed, 05 Mar 2008 15:43:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mar 5, 7:44 am, rlaybe...@hotmail.com wrote:
> Thanks for this. I had a play with it and what i do now is just put
>
> idl -IDL_STARTUP myfile
>
> in the shell script called from the cron job
>
> and myfile is the batchfile which is run

You can do that without the using the startup option:

```
$ idl myfile
```

will run the myfile.pro batch file (put an exit at the end if you want IDL to quit at the end). You can also execute an arbitrary command:

```
$ idl -e "surface, hanning(20, 20)"
```

Full options are described in the online help here:

http://idlastro.gsfc.nasa.gov/idl_html_help/Command_Line_Options_for_IDL_Startup.html

Mike

--

www.michaelgalloy.com
Tech-X Corporation
Software Developer II

Subject: Re: running idl from a cron job
Posted by [rayberry](#) on Thu, 06 Mar 2008 09:37:30 GMT
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On 5 Mar, 15:43, "mgal...@gmail.com" <mgal...@gmail.com> wrote:
> On Mar 5, 7:44 am, rlaybe...@hotmail.com wrote:
>
>> Thanks for this. I had a play with it and what i do now is just put
>

```
>> idl -IDL_STARTUP myfile
>
>> in the shell script called from the cron job
>
>> and myfile is the batchfile which is run
>
> You can do that without the using the startup option:
>
> $ idl myfile
>
> will run the myfile.pro batch file (put an exit at the end if you want
> IDL to quit at the end). You can also execute an arbitrary command:
>
> $ idl -e "surface, hanning(20, 20)"
>
> Full options are described in the online help here:
>
> http://idlastro.gsfc.nasa.gov/idl\_html\_help/Command\_Line\_Options\_for\_...
```

Thanks Mike, that's better.
