
Subject: Re: Using IDL shell in crontab

Posted by [rkombiyil](#) on Mon, 26 Nov 2007 03:36:37 GMT

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On Nov 26, 6:26 am, Anthony <anthonymsmit...@gmail.com> wrote:

> On Nov 24, 1:07 pm, Bearstone <bearst...@gmail.com> wrote:

>

>

>

>> I tried hard to get the answer on the web, but I got no clue.

>

>> My problem is really simple.

>

>> I draw simple figures with IDL code and it work without any problem.

>

>> I use simple shell file like

>

>> idl << EOF

>> .run 1122.pro

>> .run 1122-arsl.pro

>> .run 1122size.pro

>> EOF

>

>> when I run it manually, it has no problem

>

>> But when I put the shell file in crontab - because I have to draw

>> figure every 10 minures- it doesn't work at all

>

>> Crontab setting is like below

>> */10 7-20 * * * /bin/csh /data1/kimws/skyrad/Seoul/POM01MKII/1122one-

>> mk2.csh > /data1/kimws/skyrad/mk2.out

>

>> If I just run manually on prompt like

>> [arsl]/data1/kimws/skyrad/Seoul/POM01MKII{442}/data1/kimws/s kyrad/

>> Seoul/POM01MKII/1122one-mk2.csh

>

>> It works good.

>> It's doesn't work only when it is in crontab.

>

>> Other shell files that doesn't contain any IDL code work without any

>> problem.

>

>> How can I solve this problem? T.T

>

> Try giving the full path for idl, e.g.,

>

> /local/bin/idl <<EOF

>

> That's worked for me in the past.
>
> Anthony

Hmm, I agree with Anthony. I didnt test IDL when I posted earlier, but in my experiance usually, if the script doesn't work when executed as cronjob (but otherwise does), then the cron environment needs to be checked. After I saw this reply, I wrote a 2 line idl program to plot some random data every 2 minutes and gave the full path to IDL (/usr/local/bin/idl) and it worked, but strange, in this case, it didn't require the explicit definition of shell variable in crontab? It will come to me, but not now, heh! Anyway, thanks.
