Subject: Re: Using IDL shell in crontab Posted by rkombiyil on Sun, 25 Nov 2007 04:45:52 GMT View Forum Message <> Reply to Message On Nov 24, 10:07 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 Hello there,

Usually, cron invokes the command from the user's HOME directory with the shell, (/usr/bin/sh). A minimal default environment for every shell is supplied, which defines:

HOME=YOUR HOME DIR LOGNAME=YOUR USERID PATH=/usr/bin:/usr/sbin:. SHELL=/usr/bin/sh

If you need different ones you need to specify at the beginning of your cronjob file. For example I wrote a small script called hello.sh
 begin script>
#!/bin/bash # You can see from line #1 that I use bash, you can replace with #this>#!/bin/csh in your script echo Hello World
<end script=""></end>
So I edited crontab with crontab -e and added these lines to the cronjob. I guess your problem will be solved with this one line given below.
SHELL=/bin/bash */1 12-13 25 11 0 /bin/bash /home/hello.sh >~/hello.txt
and it works and writes "Hello world" to hello.txt "every minute" without any problem. So your problem narrows down to "telling cron what shell to use explicitly". Good luck, ~rk