Subject: Re: Using IDL shell in crontab Posted by rkombiyil on Mon, 26 Nov 2007 03:36:37 GMT View Forum Message <> Reply to Message

On Nov 26, 6:26 am, Anthony <anthonysmit...@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.