Subject: Re: Passing variables between procedures
Posted by Craig Markwardt on Sat, 07 Jul 2012 03:42:48 GMT
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On Friday, July 6, 2012 5:43:30 PM UTC-4, Thesource007 wrote:
> Hi all.
> This is my problem. I have two IDL procedures
> hr2altaz, hour, dec, alt, az -- which takes the HA and DEC and
> converts it to ALT and AZ
> altaz2hr, hour, dec, alt, az -- which takes ALT and AZ, and converts
> it to HA and DEC.
>
> What I need to do, is to begin with a certain HA and DEC, execute
> hr2altaz, which will give me the ALT and AZ, and then take those two
> outputs to execute altaz2hr, which will convert themj back to HA and
> DEC, and then repeat the process many times (say 100).
> The purpose being to compare the initial HA, DEC to the final (after
> 100 reps) HA, DEC.
> Is there a simple way to do this? Or I just have to use an input file
> and loops?

Applying the function and its inverse: yes, just use a loop. The overhead of executing a loop 100 times is minimal.

"An input file" : that's up to you. But you can always read your values into an array once at the beginning.

Craig