Subject: Re: Passing variables between procedures
Posted by Thesource007 on Sat, 07 Jul 2012 04:28:47 GMT
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On Friday, July 6, 2012 8:42:48 PM UTC-7, Craig Markwardt wrote:
> 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

Ok. But now the question is... how do I "transfer" the output of one procedure to be the input of the
other? I dont have a clue of how to do that.
Thank you