
Subject: Re: How to use SPAWN for creating multiple output files?

Posted by on Wed, 11 Jun 2014 12:40:30 GMT

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Den onsdagen den 11:e juni 2014 kl. 12:00:57 UTC+2 skrev Madhavan Bomidi:

> Hello,
>
> I have multiple *.nc files. I want to create SHA 256 checksum file for each of the datafile.
>
> In linux shell, I get the checksum info as:
>
> \$ sha256sum XYZ_1000.nc'
>
> 89654655f1a75fc398fb86c9f56c255bb991768eb223a6defa1f1d5d0ede f6aa XYZ_1000.nc
>
> So, I tried to use the same in IDL as below:
>
> IDL> spawn, 'sha256sum XYZ_201304000.nc'
>
> 89654655f1a75fc398fb86c9f56c255bb991768eb223a6defa1f1d5d0ede f6aa XYZ_1000.nc
>
> As I have created all the *.nc data files in IDL program, I would like to add few lines below to
create respective checksum file (e.g., <myfile>.sha256).
>
> I have my datafiles as - XYZ_1000.nc, XYZ_1001.nc, XYZ_1002.nc,
>
> I would like to copy the checksum output
>
> 89654655f1a75fc398fb86c9f56c255bb991768eb223a6defa1f1d5d0ede f6aa
>
> to the new file - XYZ_1000.sha256
>
> I know it can be done directly on linux terminal but I want to create simultaneously in the IDL
code.
>
> Can anyone help me how I can do this in IDL using SPAWN command?
>
> Thanks in advance,
>
> Madhavan

Something like this should work (untested):

```
IDL> myfile='XYZ_1000'  
IDL> spawn, 'sha256sum '+myfile+'.nc > '+myfile+'.sha256'
```
