Subject: Re: IDL 8.0 questions Posted by penteado on Sat, 24 Jul 2010 23:24:20 GMT

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On Jul 24, 1:18 pm, Mike Potter <m...@orionsound.com> wrote:
> 1) I'm trying out the new "foreach" capability. The top loop, below,
> works, the bottom one does not.
>
> for i=0,nf-1 do begin
     qfile = file names[i]
>
     image = readfits( qfile )
>
     sky,image,sky,sky sig,/silent
>
     q = dialog_message( "Sky = "+string(sky)+" Sigma =
>
  "+string(sky_sig) ,/information )
> endfor
>
> foreach gfile, file names do begin
     image = readfits( qfile )
>
     sky,image,sky_mod,sky_sig,/silent
>
     q = dialog_message( "Sky = "+string(sky_mod)+" Sigma =
  "+string(sky_sig) ,/information )
> endforeach
>
> After running the bottom loop, the first time readfits is called it
> crashes and the input "qfile" has been changed and either contains two
> characters equal to the final two characters of what gfile was on
> input, or it returns a short string of garbage characters.
> (file names is a string array of filenames returned by
> dialog pickfile).
```

I do not see why the second loop should not work the same as the first. I can only suggest to check the values in file\_names before running each loop, or during the foreach loop, to make sure they are actually the same.