
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 qfile, 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 qfile 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.
