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Subject: Re: "foreach" loops in IDL  
Posted by [pgrigis](#) on Fri, 16 Jan 2009 19:37:07 GMT  
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My opinion is that something like that make the code more difficult to understand and prevent utilization in two different programs running at the same time in the same session because of the common blocks.

Therefore, I don't like the idea very much.

Ciao,  
Paolo

alaniwiuse...@gmail.com wrote:

```
> In case anyone's interested, I've produced a little hack that lets you
> have "foreach" loops in IDL, i.e. loop over the contents of an array.
> It would be nice if the syntax were to let you have something like:
>
> for myval in myarray do begin
>   print, myval
> endfor
>
> Unfortunately it doesn't, unless I've missed something somewhere. And
> it's just a little fiddly to have to loop over an array index every
> time, e.g.:
>
> for i=0, n_elements(myarray) - 1 do begin
>   myval = myarray[i]
>   print, myval
> endfor
>
> The hack lets you use the following syntax:
>
> foreach, 'myval', myarray
> @do
>   print, myval
> @done
>
> and nested loops are supported.
>
> If anyone is interested in having this, grab this a (tiny) download,
> that contains a few short files to put somewhere in your IDL_PATH:
>
> http://home.badc.rl.ac.uk/iwi/idl-foreach.tar.gz
>
> Regards,
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> Alan  
>  
> P.S. Please note that I do not read this mailbox. Do a web search for  
> "Alan Iwi" if you want my email address.

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