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Subject: Re: executing a string in VM without using 'EXECUTE'  
Posted by [Allan Whiteford](#) on Fri, 06 Oct 2006 09:30:20 GMT  
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Gav,

Maybe I'm missing something but if your 'formula' is fixed then you don't need execute at all, you can just write:

```
speci=where(mr[*,*,159] le 8 or $  
            mr[*,*,170] gt mr[*,*,159] or $  
            mr[*,*,235] gt mr[*,*,159],speccount)
```

Execute is only required when the code you're going to be running isn't known at compile time. For instance if you had an interactive program where a user could type IDL syntax into a text widget or at the command line.

Thanks,

Allan

gav wrote:

```
> Hi Guys,  
>  
> There is probably a simple solution to this but I can't find it: I  
> want to execute the string below in VM, without using (can't use) the  
> 'EXECUTE' command. Any ideas / code etc greatly received.  
>  
>  
> com='speci=where('+formula+',speccount)    ';write executable  
> string  
> t=execute(com)    ;execute string  
>  
> the 'formula' is "(mr(*,*,159) le 8 or mr(*,*,170) gt mr(*,*,159)  
> or mr(*,*,235) gt mr(*,*,159) )"  
> cheers  
>
```

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