
Subject: Dump WAVE plot to hardcopy

Posted by [uuvince](#) on Fri, 06 Oct 1995 07:00:00 GMT

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I have written several WAVE programs for computer literate, but non-programmer, users to use for visualizations and analysis of their experimental data. In these programs I use menus and prompts to let the user select the plot type and set values for most of the WAVE system and graphics keywords. I let the user iterate on each plot until they have it looking just the way they want it. The, of course, they want the program to generate a hardcopy that looks exactly like the plot on their screen. This is the source of my frustration.

I have been unable to find a good way to have WAVE generate a hardcopy of what's on the screen. I have resorted to a kind of internal journalling where I write the equivalent of everything the user does into a file and then I rewind the file, change the plot device to 'ps', and EXECUTE each line in the file to generate the printable graphics output. Has anybody found a better to accomplish this task? These programs need to run across the whole range of WAVE supported platforms.

Vince Scullin

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| Vince Scullin           | Never attribute to malice that   |  
| Software Engineering Branch | which can be adequately explained |  
| NASA Lewis Research Center | by ignorance.                   |  
| Cleveland, Ohio 44135     | uuvince@ariel.lerc.nasa.gov     |  
-----
```

Subject: Re: DUMP

Posted by [Richard G. French](#) on Sun, 10 Oct 1999 07:00:00 GMT

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"Robert S. Mallozzi" wrote:

```
>>  
> PRO DUMP  
> PRINT, 'In DUMP'  
> END  
>  
> Then try  
>  
> IDL> .run dump  
> IDL> dump  
>  
> The procedure is not called. I tried it with IDL 5.2  
> and 5.3beta.  
>  
> Regards,
```

>
> -bob

Same problem exists in IDL 3.6, so it is not a new problem!
But if you say
HELP
after you try it, it does list DUMP as
a Compiled Procedure.

Dick
