## 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

```
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