
Subject: PvWave Startup

Posted by [Bertrand Revenaz](#) on Mon, 08 Feb 1999 08:00:00 GMT

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Hi,

I'm a new PVWAVE user and I am trying to get pvwave to run some .pro files at startup. How would I go about getting it to do that automatically when PVWAVE startup.

Also one of the .pro files calls to other file with the sybtax

```
.RNEW $HOME/plot/macros.pro
```

```
.RNEW $HOME/plot/tex2wave.pro
```

I get errors when I try to compile the pro files that has these two lines in it.

If anybody could help it would be great,

Thanks,

Bertrand Revenaz

breven@po-box.mcgill.ca

Subject: Re: PvWave Startup

Posted by [davidf](#) on Mon, 08 Feb 1999 08:00:00 GMT

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Bertrand Revenaz (breven@po-box.mcgill.ca) writes:

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> files at startup. How would I go about getting it to do that
> automatically when PVWAVE startup.
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> .RNEW $HOME/plot/macros.pro
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> I get errors when I try to compile the pro files that has these two
> lines in it.
```

You are doing a couple of things wrong. First of all, I would use the executive command .RUN rather than .RNEW as you are doing above. .RNEW has the unfortunate (or fortunate, as your experience grows) side effect of deleting all your main-level variables. In the code above these would be the variables you probably just created in the macros.pro program. Not what you had in mind, I'm

guessing. :-)

Then I would put these two commands into a file by themselves. You **don't** want to compile this file. Instead, you want to execute the commands as if you were typing them at the command line. (This file is sometimes called a "batch file" because you execute a sequence of commands one after the other.) You can do this when you start up PV-Wave by making this file the startup file. You do this (probably) by declaring an environment variable that is named something like WAVE_STARTUP (I haven't used PV-Wave in quite a while, I'm not sure exactly how this goes now.) Or, suppose you put the commands into a file named doit.pro, then you could execute the batch file with the ampersand character inside of PV-Wave like this:

```
WAVE> @doit
```

In any case, you can only use executive commands like .RNEW and .RUN from the IDL command line. You can't use them inside of programs.

Cheers,

David

--

David Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

[Note: This follow-up was e-mailed to the cited author.]

Subject: Re: PvWave Startup

Posted by [David Ritscher](#) on Tue, 09 Feb 1999 08:00:00 GMT

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David Fanning, Ph.D. writes:

...

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> the startup file. You do this (probably) by declaring
> an environment variable that is named something like
> WAVE_STARTUP (I haven't used PV-Wave in quite a while,
> I'm not sure exactly how this goes now.) ...

Yes, David, the environment variable with PV-Wave is
WAVE_STARTUP

The default value (i.e., the file PV-Wave always tries to execute
when it starts up, when WAVE_STARTUP is not defined), is:
\$HOME/.wvstartup

I'm glad to see that you're still sharp on the 'other' product!

David Ritscher

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