
Subject: Re: Error from GRID program.

Posted by [kevin](#) on Tue, 08 Jun 1993 16:50:34 GMT

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sinha@denali.ims.alaska.edu (Deepak K. Sinha) writes:

> Hi, I am new to pv-wave, I am trying to grid some irregular data by
> using pwave GRID function. I get the following error, I have no
> idea how to fix it.
> Can anyone who may have encountered this problem and/or knows
> the fix kindly email me the solution.
> I will be very thankful!

> Error message from pwave

```
> =====  
=====  
> SPAWN: Error managing child process.  
> Permission denied  
> % WRITEU: Error encountered writing to file. Unit: 101  
>   File: </model/pvi/wave/bin/bin.sun4/gridder>  
> Broken pipe  
> % Execution halted at GRID </model/pvi/wave/lib/std/grid.pro( 136)> (WRITEU).  
> %   Called from $MAIN$ <test.pro( 140)>.  
> WAVE>
```

I looked at gridder.pro and it looks like it spawns a process called "gridder" which is located in ~pvi/wave/bin/bin.sun4 (for sparc stations). I would guess that the broken pipe error is caused by this gridder program either stopping prematurely or never starting up to begin with. See if you can find the program and run it directly from a shell. If it runs ok, then the problem is probably that gridder.pro is looking for gridder in the wrong place. In this case, edit gridder.pro and change the line

```
found = [findfile(!dir + '/bin/bin.' + arch(0) + '/gridder')]
```

to

```
found = 'Your Path To Gridder Here'
```

If you can find gridder and it just doesn't work, then you might be running the wrong version of gridder (for example you might be running a VAX compiled version on a SUN. The directory that gridder is located in should clue you in to the type of architecture it was compiled for. For example, I use a sparc station and gridder is located in a directory called bin.sun4

Kevin Anderson
