
Subject: Problem using conditional statements when calling PV_WAVE CL

Posted by [acavone](#) on Wed, 09 Feb 1994 20:52:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

I'm new to this news group and was wondering if anyone out there might be able to help me solve a problem I am having using conditional PV-WAVE statements such as CASE in a C program which calls PV-WAVE. I am using PV-WAVE CL Version 4.00 on a Sun SPARCstation running SunOS 4.1.2. I am using the cwavec command to allow my C program to call PV-WAVE. This is outlined in the PV-WAVE Command Language User's Guide in chapter 18 on Interapplication Communication.

My problem is that when I try to have PV-WAVE execute a sequence of CASE statements contained in my C program I get errors. My code sequence looks kind of like this for example:

```
.  
.   
.   
cmd[0] = "a = 2";  
cmd[1] = "b = 3";  
cmd[2] = " i = TVMENU(['add', 'subtract',' multiply',' divide'], 'Select Desired $  
Operation:', 100, 100]";  
cmd[3] = "CASE i OF";  
cmd[4] = "0:PRINT, 'a + b = ', a+b";  
cmd[5] = "1:PRINT, 'a - b = ', a-b";  
cmd[6] = "2:PRINT, 'a * b = ', a*b";  
cmd[7] = "3:PRINT, 'a / b = ', a/b";  
cmd[8] = "ENDCASE";  
action = 2;  
num = 9;  
istat = cwavec( action, num, cmd);  
.   
.   
etc.
```

When I execute this code PV-WAVE responds:

```
%Case statement found no matches.  
% Execution halted at $MAIN$ .
```

then:

```
0:PRINT, ' a+ b = ', a+b  
^
```

```
% Syntax error.
```

since the program has crashed.

Has anyone else out there seen a problem such as this or can anyone make any suggestions around this? Please e-mail me if you can help.

Thank You,
Angelo Cavone

a.a.cavone@larc.nasa.gov
