Subject: Problem using conditional statements when calling PV_WAVE CL
Posted by acavone on Wed, 09 Feb 1994 20:52:59 GMT
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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,
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