
Subject: Re: Dumb problem with STRPOS

Posted by [larkum](#) on Mon, 17 Jul 1995 07:00:00 GMT

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In article usi@ds2.acs.ucalgary.ca, steele@aragorn.phys.ucalgary.ca (Dave Steele) writes:

```
> Can someone explain the following behaviour to me?
>
> IDL> help,/st,!version ; Here's the situation.
> ** Structure !VERSION, 3 tags, length=24:
> ARCH      STRING  'mipseb'
> OS        STRING  'RISC/os'
> RELEASE   STRING  '3.1.0'
> IDL> test='c000.' ; define a string
> IDL> help,test ; check it is a string
> TEST      STRING  = 'c000.'
> IDL> print,strpos(test,'000') ; search for a substring
>      1
> IDL> print,strpos(test,'000.') ; and a slightly different one
>      1
> IDL> test='c0000.' ; add a '0'
> IDL> help,test
> TEST      STRING  = 'c0000.'
> IDL> print,strpos(test,'000') ; search again
>      1
> IDL> print,strpos(test,'000.') ; Why isn't this substring found???
>     -1
>
> I checked the manual for this version and it says nothing that would
> explain this. BTW, it's nothing to do with octal constants.
>
> All suggestions gratefully received!
>
> Dave
```

Well, this bug goes back to the original code because it's in the latest version of PV-Wave as well:

```
WAVE> info,/st,!version
** Structure !VERSION, 4 tags, 32 length:
  ARCH  STRING  'sparc'
  OS    STRING  'sunos'
  RELEASE STRING  '4.20'
  PLATFORM STRING  'sun4'
WAVE> test='c000.'
WAVE> info, test
TEST      STRING  = 'c000.'
WAVE> print,strpos(test,'000')
      1
```

```
WAVE> print,strpos(test,'000.')
1
WAVE> print,strpos(test,'000.')
1
WAVE> test='c0000.'
WAVE> info, test
TEST      STRING  = 'c0000.'
WAVE> print,strpos(test,'000')
1
WAVE> print,strpos(test,'000.')
-1
```

Sorry, I can't bring any joy for PV-Wave users either.

Matthew

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