

---

Subject: Re: Dumb problem with STRPOS  
Posted by [Paul Probert](#) on Sat, 15 Jul 1995 07:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

David,

Nice bug! Also does it on VAX VMS 3.6.1c.  
IDL: Robust system, NOT!

Paul Probert  
University of Wisconsin

---

---

Subject: Re: Dumb problem with STRPOS  
Posted by [larkum](#) on Mon, 17 Jul 1995 07:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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

---

Matthew Larkum  
Physiologisches Institut  
Buehlplatz 5, CH-3012 Bern Switzerland  
Ph. 41 31 631 8726 Fax. 41 31 631 4611  
Internet: larkum@pvl.unibe.ch  
matthewl@cortex.physiol.su.OZ.AU

---