
Subject: Dumb problem with STRPOS
Posted by [steele](#) on Fri, 14 Jul 1995 07:00:00 GMT
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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

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Subject: Re: Dumb problem with STRPOS
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In article <3u6g67\$usi@ds2.acs.ucalgary.ca>, I wrote:
> Can someone explain the following behaviour to me?
> [snip]

```
|> 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
```

To add further spice:

```
IDL> test='c00000.' ; Add a further '0'
IDL> print,strpos(test,'000') ; Search again
      1
IDL> print,strpos(test,'000.') ; This time it works!
      3
IDL> test='c10000.' ; But if I add a '1' instead,
IDL> print,strpos(test,'000') ; this still works,
      2
IDL> print,strpos(test,'000.') ; and this still doesn't!
     -1
```

Does anyone have a glimmer? Anyone at RSI listening?

Dave

--

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