
Subject: Re: bug in stregeex?

Posted by [James Kuyper](#) on Fri, 19 Jul 2002 21:53:48 GMT

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Vapuser wrote:

```
>
> I don't you, you tell me. Is this a bug?
>
> IDL> tt=stregeex('cdefaz','(*)'(a|b|c)z',/extract)
> IDL> help,tt
> TT          STRING    = 'cdefaz'
>
> My understanding of regular expressions says it's a bug. The first
> '(*)' should only match up to the 'a' and the second subexpression,
> since it is *unqualified*, should handle the 'az', i.e. TT should
> have two parts. tt[0] should be 'cdef' and tt[1] should be 'a.'
```

Try:

```
print,stregeex('cdefaz','(*)'([abc]z)',/subexpr,/extract)
```

Subject: Re: bug in stregeex?

Posted by [Craig Markwardt](#) on Fri, 19 Jul 2002 22:16:09 GMT

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Vapuser <vapuser@catspaw.jpl.nasa.gov> writes:

```
> I don't you, you tell me. Is this a bug?
>
> IDL> tt=stregeex('cdefaz','(*)'(a|b|c)z',/extract)
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> since it is *unqualified*, should handle the 'az', i.e. TT should
> have two parts. tt[0] should be 'cdef' and tt[1] should be 'a.'
```

Hi--

Why don't you try the /SUBEXPR keyword? That seems to do the trick.

```
IDL> print, !version
{ x86 linux unix 5.4 Sep 25 2000    32    32}
IDL> print, stregeex('cdefaz','(*)'(a|b|c)z',/subexpr, /extract)
cdefaz cdef a
```

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: bug in stregex?

Posted by [William Daffer](#) on Sat, 20 Jul 2002 01:07:29 GMT

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Craig Markwardt <craigmnet@cow.physics.wisc.edu> writes:

> Vapuser <vapuser@catspaw.jpl.nasa.gov> writes:

>> I don't you, you tell me. Is this a bug?

>>

>> IDL> tt=stregex('cdefaz','(.*)(a|b|c)z',/extract)

>> IDL> help,tt

>> TT STRING = 'cdefaz'

>>

>> My understanding of regular expressions says it's a bug. The first

>> '(.*)' should only match up to the 'a' and the second subexpression,

>> since it is *unqualified*, should handle the 'az', i.e. TT should

>> have two parts. tt[0] should be 'cdef' and tt[1] should be 'a.'

>

> Hi--

>

> Why don't you try the /SUBEXPR keyword? That seems to do the trick.

>

Well, duh! It's amazing what one can learn actually *reading* the
help file! ;-)

Thanks for pointing me to my rather obvious mistake.

whd

--

NOMINEE, n. A modest gentleman shrinking from the distinction of
private life and diligently seeking the honorable obscurity of public
office.

-- Ambrose Bierce: The Devil's Dictionary