

Ruby - Bug #12584

Regex using repetition with alternation doesn't match greedily

07/13/2016 03:24 PM - nunukim (00 00)

Status:	Rejected	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.3.1p112 (2016-04-26 revision 54768) [x86_64-darwin15]	Backport: 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN
Description		
<pre> ##### ##### * ##### ##### #####d #####/^d/#####/ed/##### ##### "---ed---".match(/(?:[^d] ed)*/) # => #<MatchData "---e"> ##### ##### "---ed---".match(/(?:ed [^d])*/) # => #<MatchData "---ed---"> #####Mac ##### • ruby 2.3.1p112 (2016-04-26 revision 54768) [x86_64-darwin15] • ruby 2.2.0p0 (2014-12-25 revision 49005) [x86_64-darwin14] • ruby 2.0.0p195 (2013-05-14 revision 40734) [x86_64-darwin15.5.0] ##### </pre>		
Related issues:		
Is duplicate of Ruby - Bug #12452: Regexp alternation does not backtrack to c...		Rejected

History

#1 - 07/14/2016 05:28 AM - shyouhei (Shyouhei Urabe)

- Status changed from Open to Rejected

```
perl php python node
```

```
% perl -e '"---ed---" =~ /(?:[^\d]|ed)*/; warn $&'
---e at -e line 1.
```

```
% php -a
Interactive shell
```

```
php > preg_match('/:([^\d]|ed)*/', "---ed---", $m); echo $m[0];
---e
php >
```

```
% python
Python 2.7.11 (default, Jan 22 2016, 08:29:18)
[GCC 4.2.1 Compatible Apple LLVM 7.0.2 (clang-700.1.81)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> import re
>>> re.search("(?:[^\d]|ed)*", "----ed---").group(0)
'----e'
>>>
```

```
% node --interactive
> "---ed---".match(/(?:[^\d]|ed)*/)
[ '---e', index: 0, input: '---ed---' ]
```

>

#2 - 07/14/2016 05:29 AM - shyouhei (Shyouhei Urabe)

- Is duplicate of Bug #12452: Regexp alternation does not backtrack to check the other alternatives if a match is found on the first one added