Ruby master - Bug #13716

Unexpected or undocumented (or maybe both) behaviour when mixing String#scan with named captures

07/05/2017 06:56 AM - shyouhei (Shyouhei Urabe)

Status: Closed
Priority: Normal
Assignee: 
Target version: 
ruby -v: ruby 2.5.0dev (2017-06-22 trunk 59146) [x86_64-darwin15]
Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4:

Description
Is this intentional?

[1] pry(main)> "1q2w3e4r".scan(/(\w\d)(foo){0}/)
=> ["q2", nil], ["w3", nil], ["e4", nil]
[2] pry(main)> "1q2w3e4r".scan(/(\w\d)(?<foo>foo){0}/)
=> [nil], [nil], [nil]

The only difference is the capture being named.

Associated revisions
Revision bd328333 - 07/26/2019 09:26 PM - jeremyevans (Jeremy Evans)
Document behavior when mixing named captures with parentheses [ci skip]
Fixes [Bug #13716]

History
#1 - 07/24/2017 05:31 AM - akr (Akira Tanaka)
- Status changed from Open to Feedback

When you use a named capture, parenthesises are not considered as a capture.

So, you need to add name for all captures as:

```ruby
% ruby -e 'p "1q2w3e4r".scan(/(?<bar>\w\d)(?<foo>foo){0}/)'
["q2", nil], ["w3", nil], ["e4", nil]
```

#2 - 07/25/2017 12:27 AM - shyouhei (Shyouhei Urabe)
- Status changed from Feedback to Open

akr (Akira Tanaka) wrote:

> When you use a named capture, parenthesises are not considered as a capture.

Where can I learn that restriction? I have never heard of such thing before.

#3 - 07/26/2017 09:29 PM - jeremyevans (Jeremy Evans)
- Status changed from Open to Closed

Applied in changeset git|bd3283338250827e0f9e2fd1785bd1fd4151e66d.

Document behavior when mixing named captures with parentheses [ci skip]
Fixes [Bug #13716]