

## Ruby - Bug #8565

### Compiled Regexp comparison bug

06/24/2013 04:32 PM - pyromaniac (Arkadiy Zabazhanov)

<b>Status:</b>	Closed	<b>Backport:</b>
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Target version:</b>		
<b>ruby -v:</b>	ruby 2.0.0p195 (2013-05-14 revision 40734) [x86_64-darwin12.4.0]	
<b>Description</b>		
2.0.0p195 :001 > Regexp.new('/') == /// => false		
There is no such problem in latest 1.9.3, expression return true		

### History

#### #1 - 06/24/2013 04:40 PM - Anonymous

I took a quick look at why this is happening. The equality fails because the source of the two regexps is different:

1.9.3:

```
Regexp.new('/').source  
=> "\/"  
///.source  
=> "\/"
```

2.0.0:

```
Regexp.new('/').source  
=> "\/"  
///.source  
=> "/"
```

#### #2 - 06/28/2013 05:36 AM - cedric.brancourt (Cedric Brancourt)

Hopefully this is not a bug (or I think it is not).

When you create new regexp with :

%r/" and Regexp.new("/") your quote are the delimiters

when you create regexp with slashes /// the slashes (/) are your delimiters. Your regexp should end at the second / but fortunately you can escape this one with a backslash.

So your backslash is there used to escape the second one. This mean that your regexp /// is equal to %r/"

```
[6] pry(main)> /// == %r/"  
=> true
```

See <http://www.ruby-doc.org/core-2.0/Regexp.html#label-Metacharacters+and+Escapes>

#### #3 - 07/15/2019 01:24 AM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed

- Backport deleted (1.9.3: UNKNOWN, 2.0.0: UNKNOWN)