

## Ruby trunk - Bug #8205

### Regexp.union behavior and Regexp.try\_convert

04/02/2013 11:21 PM - avyy (Alexander Yunin)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	zzak (Zachary Scott)	
<b>Target version:</b>	2.1.0	
<b>ruby -v:</b>	1.9.3p374	
<b>Description</b>		<b>Backport:</b>
<p>Hi! Why Regexp.union('!..!') trying to convert string with directly call rb_check_regexp_type(arg) (re.c:3139) instead of rb_reg_s_try_convert (re.c:3122)? I think second variant would be more correct, and i would be able to rewrite Regexp.try_convert in my code for changing behavior as i need.</p> <p>For example: i have the code where was implemented String#to_regexp which breaks default behavior of Regexp.union and i got incorrect regexp. But i can't (for some reasons) to rewrite to_regexp method. Yes, stupid example, but it's real situation.</p>		

#### Associated revisions

##### Revision dc308ee3 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@43061 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 43061 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

##### Revision 43061 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

##### Revision 43061 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

##### Revision 43061 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

##### Revision 43061 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

##### Revision 43061 - 09/26/2013 04:07 PM - zzak (Zachary Scott)

- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug #8205]

#### History

##### #1 - 04/13/2013 11:43 PM - nagachika (Tomoyuki Chikanaga)

- Status changed from Open to Feedback

Hello,

Could you show us a reproductive code or a testcase?

##### #2 - 09/04/2013 09:58 PM - avyy (Alexander Yunin)

Hello,

Bug description is incorrect, sorry. Now i want to say that implementation of String#to\_regexp can breaks behavior of Regexp::union.

```
class String
  def to_regexp
  /regexp/
end
end
Regexp.union('/some_regexp/') #=> /regexp/
```

And it's not documented now.

### **#3 - 09/13/2013 01:42 AM - nagachika (Tomoyuki Chikanaga)**

- *Category set to doc*
- *Status changed from Feedback to Assigned*
- *Assignee set to zzak (Zachary Scott)*
- *Target version set to 2.1.0*

Hello, avyy.

That makes sense.

I think it's spec that Regexp.union internally convert arguments with to\_regexp, but it is undocumented behavior. I think it's a documentation issue.

### **#4 - 09/27/2013 01:07 AM - zzak (Zachary Scott)**

- *Status changed from Assigned to Closed*
- *% Done changed from 0 to 100*

This issue was solved with changeset [r43061](#).

Alexander, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

- 
- re.c: [DOC] arguments of Regexp::union receive #to\_regexp [Bug [#8205](#)]