

## Ruby master - Bug #8716

### segmation fault

08/01/2013 09:57 PM - taka-yoshi (taka-yoshi taka)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	naruse (Yui NARUSE)	
<b>Target version:</b>	2.2.0	
<b>ruby -v:</b>	trunk	<b>Backport:</b> 2.0.0: DONE, 2.1: DONE
<b>Description</b>		
<pre>=begin Windows OS x * ruby 2.0.0p247 (2013-06-27) [x64-mingw32] a="" (32767.times{a&lt;&lt;'()'} eval "/#{a}/=~""  * ruby 2.0.0p0 (2013-02-24 revision 39474) [x86_64-darwin12.2.1] a="" (1&lt;&lt;21).times{a&lt;&lt;'()'} eval "/#{a}/=~""  =end</pre>		

### Associated revisions

#### Revision c3fd3191 - 08/19/2014 03:03 PM - nagachika (Tomoyuki Chikanaga)

merge r46831 partially. extracted commits are as follows.

<https://github.com/k-takata/Onigmo/commit/b9fba1dc63ccb42a86e934011b468e6022fab74>  
<https://github.com/k-takata/Onigmo/commit/c1fc76b9bd463948ffc5058bc352bf93732f0314>  
<https://github.com/k-takata/Onigmo/commit/a0efc0a200f7108ca3d5ac3039c8f952e0051619>  
<https://github.com/k-takata/Onigmo/commit/c7cda4ed5676167b0d01bb5555724f6164fbd13>  
[Bug #8716]

- include/ruby/oniguruma.h (ONIG\_MAX\_CAPTURE\_GROUP\_NUM, ONIGERR\_TOO\_MANY\_CAPTURE\_GROUPS): add cheking the number of capture groups.
- regerror.c (onig\_error\_code\_to\_format): ditto.
- regparse.c (scan\_env\_add\_mem\_entry): ditto.
- regexec.c (onig\_region\_copy, match\_at): fix: segmation fault occurs when many groups are used.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_1@47223 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 47223 - 08/19/2014 03:03 PM - nagachika (Tomoyuki Chikanaga)

merge r46831 partially. extracted commits are as follows.

<https://github.com/k-takata/Onigmo/commit/b9fba1dc63ccb42a86e934011b468e6022fab74>  
<https://github.com/k-takata/Onigmo/commit/c1fc76b9bd463948ffc5058bc352bf93732f0314>  
<https://github.com/k-takata/Onigmo/commit/a0efc0a200f7108ca3d5ac3039c8f952e0051619>  
<https://github.com/k-takata/Onigmo/commit/c7cda4ed5676167b0d01bb5555724f6164fbd13>  
[Bug #8716]

- include/ruby/oniguruma.h (ONIG\_MAX\_CAPTURE\_GROUP\_NUM, ONIGERR\_TOO\_MANY\_CAPTURE\_GROUPS): add cheking the number of capture groups.
- regerror.c (onig\_error\_code\_to\_format): ditto.
- regparse.c (scan\_env\_add\_mem\_entry): ditto.

- regex.c (onig\_region\_copy, match\_at): fix: segmation fault occurs when many groups are used.

**Revision cad94dbe - 09/05/2014 04:42 AM - usa (Usaku NAKAMURA)**

merge r46831 partially. these changes are from:  
<https://github.com/k-takata/Onigmo/commit/7abd7b29481f98eb92be786e3d33611fc7d000a0>  
 [Bug #8716]

- include/ruby/oniguruma.h (ONIG\_MAX\_CAPTURE\_GROUP\_NUM, ONIGERR\_TOO\_MANY\_CAPTURE\_GROUPS): add cheking the number of capture groups.
- regerror.c (onig\_error\_code\_to\_format): ditto.
- regparse.c (scan\_env\_add\_mem\_entry): ditto.
- regex.c (onig\_region\_copy, match\_at): fix: segmation fault occurs when many groups are used.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@47400 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 47400 - 09/05/2014 04:42 AM - usa (Usaku NAKAMURA)**

merge r46831 partially. these changes are from:  
<https://github.com/k-takata/Onigmo/commit/7abd7b29481f98eb92be786e3d33611fc7d000a0>  
 [Bug #8716]

- include/ruby/oniguruma.h (ONIG\_MAX\_CAPTURE\_GROUP\_NUM, ONIGERR\_TOO\_MANY\_CAPTURE\_GROUPS): add cheking the number of capture groups.
- regerror.c (onig\_error\_code\_to\_format): ditto.
- regparse.c (scan\_env\_add\_mem\_entry): ditto.
- regex.c (onig\_region\_copy, match\_at): fix: segmation fault occurs when many groups are used.

**History**

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**#1 - 08/03/2013 10:33 PM - nagachika (Tomoyuki Chikanaga)**

- Tracker changed from Backport to Bug
- Project changed from Backport200 to Ruby master
- Status changed from Open to Feedback

Backport200 2.0.0 ruby-trunk  
 trunk 2.0.0  
 SEGV  
 Mac OS X C ~/Library/Logs/DiagnosticReports

**#2 - 08/04/2013 08:57 AM - nobu (Nobuyoshi Nakada)**

- Category set to regexp
- Status changed from Feedback to Assigned
- Target version set to 2.1.0
- ruby -v set to trunk

regex.c:match\_at()STACK\_INITxalloca

**#3 - 08/04/2013 10:36 AM - nobu (Nobuyoshi Nakada)**

- Description updated
- Assignee set to k\_takata (Ken Takata)

**#4 - 08/18/2013 07:30 PM - k\_takata (Ken Takata)**

Windows

<https://github.com/k-takata/Onigmo/commit/b9fba1dc63ccb42a86e934011b468e6022fabb74>

Windows

**#5 - 01/30/2014 06:17 AM - hsbt (Hiroshi SHIBATA)**

- Target version changed from 2.1.0 to 2.2.0

**#6 - 03/08/2014 10:06 AM - k\_takata (Ken Takata)**

<https://github.com/k-takata/Onigmo/commit/b9fba1dc63ccb42a86e934011b468e6022fabb74>

Ruby

**#7 - 04/16/2014 10:28 AM - k\_takata (Ken Takata)**

2

1. alloca ()
2. short 32767 32768 ()

32bit 16bit

**#8 - 04/19/2014 06:48 AM - k\_takata (Ken Takata)**

ONIG\_MAX\_CAPTURE\_GROUP\_NUM (32767) ONIGERR\_TOO\_MANY\_CAPTURE\_GROUPS  
<https://github.com/k-takata/Onigmo/commit/c7cda4ed5676167b0d01bb5555724f6164fddb13>  
 tmp/ruby-2.0.x #

**#9 - 07/16/2014 10:11 PM - k\_takata (Ken Takata)**

- Assignee changed from k\_takata (Ken Takata) to naruse (Yui NARUSE)

r46831 Onigmo 5.14.1  
 NARUSE  
 (#9344)

Ruby 2.0/2.1

**#10 - 07/17/2014 07:34 AM - sorah (Sorah Fukumori)**

- Status changed from Assigned to Closed

Edit → Status → Closed ChangeLog/commitMessage [Bug #8716]  
[http://img.sorah.jp/20140717\\_16.34\\_urw8d\\_Bug\\_8716\\_segmaton\\_fault\\_rubytrunk\\_Ruby\\_Issue\\_Tracking\\_System.png](http://img.sorah.jp/20140717_16.34_urw8d_Bug_8716_segmaton_fault_rubytrunk_Ruby_Issue_Tracking_System.png)

**#11 - 07/17/2014 07:50 AM - usa (Usaku NAKAMURA)**

- Backport set to 2.0.0: REQUIRED, 2.1: REQUIRED

Ken Takata wrote:

Ruby 2.0/2.1

backport Backport

**#12 - 07/17/2014 09:07 AM - k\_takata (Ken Takata)**

(Backport)

