

Ruby - Bug #5752

Array#delete_if side effects due to changeset r32360

12/13/2011 05:12 AM - gettalong (Thomas Leitner)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:		
Target version:	1.9.3	
ruby -v:	ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-linux]	
Description		
It seems that the changeset r32360 introduced another side effect. Here are two IRB sessions, one in ruby-1.9.2-p136 and the other in ruby-1.9.3-p0:		
ruby-1.9.2-p136 :001 > x = [1,2,3,4,5,6,7,8,9] => [1, 2, 3, 4, 5, 6, 7, 8, 9] ruby-1.9.2-p136 :002 > x.delete_if { i i == x[i-1]} => []		
ruby-1.9.3-p0 :001 > x = [1,2,3,4,5,6,7,8,9] => [1, 2, 3, 4, 5, 6, 7, 8, 9] ruby-1.9.3-p0 :002 > x.delete_if { i i == x[i-1]} => [2, 3, 4, 5, 6, 7, 8, 9]		
If this is indeed the intended behaviour, it should probably be documented clearly that the array is changed instantly every time the block is called and not after the iteration is over.		
Related issues:		
Related to Ruby - Feature #10714: Array#reject! nonlinear performance problem		Closed 01/08/2015

Associated revisions

Revision 58b5838d - 12/15/2011 01:44 AM - nobu (Nobuyoshi Nakada)

- array.c (rb_ary_reject_bang, rb_ary_delete_if): update rdoc. documentation from Thomas Leitner <t_leitner AT gmx.at> in [ruby-core:41616]. [Bug #5752]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34048 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 15f26afd - 12/15/2011 01:44 AM - nobu (Nobuyoshi Nakada)

- array.c (rb_ary_reject_bang, rb_ary_delete_if): update rdoc. documentation from Thomas Leitner <t_leitner AT gmx.at> in [ruby-core:41616]. [Bug #5752]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34048 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 12/14/2011 06:49 PM - funny_falcon (Yura Sokolov)

Actually, it were next changeset r32373

#2 - 12/14/2011 07:03 PM - funny_falcon (Yura Sokolov)

- File array.c.patch added

#3 - 12/15/2011 11:10 AM - nobu (Nobuyoshi Nakada)

- Category changed from core to doc
- Status changed from Open to Closed

#4 - 01/10/2015 04:15 AM - akr (Akira Tanaka)

- Related to Feature #10714: Array#reject! nonlinear performance problem added

Files

array.c.patch	719 Bytes	12/14/2011	funny_falcon (Yura Sokolov)
---------------	-----------	------------	-----------------------------