

Ruby trunk - Bug #8518

assertion failed in rb_ary_sort_bang

06/12/2013 12:58 PM - znz (Kazuhiro NISHIYAMA)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:	2.1.0	
ruby -v:	ruby 2.1.0dev (2013-06-12 trunk 41248) [x86_64-linux]	Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN
Description		
-DARRAY_DEBUG 00000000		
test/ruby/test_array.rb 0 test_sort! 0000000000000000 assertion failed 00000000		
% ./miniruby -e 'a=Array[4, 1, 2, 3]; a.sort! { m, n a.replace([9, 8, 7]); m <=> n }'		
miniruby: ../ruby/array.c:2336: rb_ary_sort_bang: Assertion `!(!(!(VALUE)((ary)) & RUBY_IMMEDIATE_MASK)		
!!((VALUE)((ary)) & ~(VALUE)RUBY_Qnil) == 0) && (int)((struct RBasic*)((ary))->flags & RUBY_T_MASK) !=		
RUBY_T_NODE)?((struct RBasic*)((ary))->flags&((((VALUE)1)<<(12+2)))):0) !(!(VALUE)((ary)) &		
RUBY_IMMEDIATE_MASK) !(VALUE)((ary)) & ~(VALUE)RUBY_Qnil) == 0) && (int)((struct RBasic*)((ary))->flags &		
RUBY_T_MASK) != RUBY_T_NODE)?((struct RBasic*)((ary))->flags&((((VALUE)1)<<(12+1)))):0) ? (void) (0) : assert_fail		
("!(VALUE)((ary)) & RUBY_IMMEDIATE_MASK) !(VALUE)((ary)) & ~(VALUE)RUBY_Qnil) == 0) && (int)((struct		
RBasic*)((ary))->flags & RUBY_T_MASK) != RUBY_T_NODE)?((struct RBasic*)((ary))->flags&((((VALUE)1)<<(12+2)))):0)		
!(VALUE)((ary)) & RUBY_IMMEDIATE_MASK) !(VALUE)((ary)) & ~(VALUE)RUBY_Qnil) == 0) && (int)((struct		
RBasic*)((ary))->flags & RUBY_T_MASK) != RUBY_T_NODE)?((struct		
RBasic*)((ary))->flags&((((VALUE)1)<<(12+1)))):0)", "/home/kazu/z/wc/CI/ruby/array.c", 2336, __PRETTY_FUNCTION__		
, ((!(VALUE)((ary)) & RUBY_IMMEDIATE_MASK) !(VALUE)((ary)) & ~(VALUE)RUBY_Qnil) == 0) && (int)((struct		
RBasic*)((ary))->flags & RUBY_T_MASK) != RUBY_T_NODE)?((struct RBasic*)((ary))->flags&((((VALUE)1)<<(12+1)))):0)!=0'		
failed.		
000000000000 2336 00000000 if 000000000000 ary 0000000000000000		
<pre>assert (!ARY_EMBED_P (tmp)); if (ARY_HEAP_PTR(ary) == ARY_HEAP_PTR(tmp)) { assert (!ARY_EMBED_P (ary)); }</pre>		

Associated revisions

Revision 221496de - 06/12/2013 07:41 AM - nobu (Nobuyoshi Nakada)

array.c: fix false assertions

- array.c (rb_ary_sort_bang): remove duplicated assertions. ARY_HEAP_PTR() implies ary not to be embedded. [ruby-dev:47419] [Bug #8518]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41253 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 06/12/2013 04:41 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r41253](#).

Kazuhiro, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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