

Backport191 - Bug #3243

Can't build Ruby after r26506

05/03/2010 07:37 PM - yugui (Yuki Sonoda)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
ruby -v:	ruby 1.9.1p412 (2010-01-30) [i686-linux]

Description

```
=begin
r26506 Ruby 1.9.1
Linux jade915.yugui.jp 2.6.32-21-generic #32-Ubuntu SMP Fri Apr 16 08:10:02 UTC 2010 i686 GNU/Linux
```

```
./miniruby -I../src/lib -I.ext/common -I/- -r../src/ext/purelib.rb ../src/tool/generic_erb.rb -c -o encdb.h
../src/template/encdb.h.tmp ../src/enc enc
/home/yugui/dev/ruby/src/lib/optparse.rb:1310: [BUG] Segmentation fault
ruby 1.9.1p412 (2010-01-30) [i686-linux]
```

```
-- control frame -----
c:0013 p:---- s:0060 b:0060 l:000059 d:000059 CFUNC :catch
c:0012 p:0049 s:0056 b:0056 l:000988 d:000ed4 BLOCK /home/yugui/dev/ruby/src/lib/optparse.rb:1310
c:0011 p:---- s:0050 b:0050 l:000049 d:000049 FINISH
c:0010 p:---- s:0048 b:0048 l:000047 d:000047 CFUNC :catch
c:0009 p:0062 s:0044 b:0044 l:000988 d:000988 METHOD /home/yugui/dev/ruby/src/lib/optparse.rb:1258
c:0008 p:0024 s:0034 b:0034 l:000033 d:000033 METHOD /home/yugui/dev/ruby/src/lib/optparse.rb:1252
c:0007 p:0066 s:0029 b:0029 l:0012fc d:002658 BLOCK ../src/tool/generic_erb.rb:12
c:0006 p:0116 s:0026 b:0026 l:000025 d:000025 METHOD /home/yugui/dev/ruby/src/lib/optparse.rb:793
c:0005 p:---- s:0020 b:0020 l:000019 d:000019 FINISH
c:0004 p:---- s:0018 b:0018 l:000017 d:000017 CFUNC :new
c:0003 p:0069 s:0015 b:0015 l:0012fc d:000b30 EVAL ../src/tool/generic_erb.rb:8
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:0000 s:0002 b:0002 l:0012fc d:0012fc TOP
```

```
-- Ruby level backtrace information-----
/home/yugui/dev/ruby/src/lib/optparse.rb:1310:in catch'
/home/yugui/dev/ruby/src/lib/optparse.rb:1310:inblock in parse_in_order'
/home/yugui/dev/ruby/src/lib/optparse.rb:1258:in catch'
/home/yugui/dev/ruby/src/lib/optparse.rb:1258:inparse_in_order'
/home/yugui/dev/ruby/src/lib/optparse.rb:1252:in order!'
../src/tool/generic_erb.rb:12:inblock in '
/home/yugui/dev/ruby/src/lib/optparse.rb:793:in initialize'
../src/tool/generic_erb.rb:8:innew'
../src/tool/generic_erb.rb:8:in ``
```

```
-- C level backtrace information -----
0x8155bb7 ./miniruby(rb_vm_bugreport+0x47) [0x8155bb7]
0x8082863 ./miniruby() [0x8082863]
0x80828d8 ./miniruby(rb_bug+0x28) [0x80828d8]
0x8102f18 ./miniruby() [0x8102f18]
0x4001d410 [0x4001d410]
0x8144cb5 ./miniruby() [0x8144cb5]
0x8145000 ./miniruby() [0x8145000]
0x814f51d ./miniruby() [0x814f51d]
0x814ae2f ./miniruby() [0x814ae2f]
0x814dc36 ./miniruby() [0x814dc36]
0x8152c35 ./miniruby() [0x8152c35]
0x8144cb5 ./miniruby() [0x8144cb5]
0x8145000 ./miniruby() [0x8145000]
0x814f51d ./miniruby() [0x814f51d]
0x814ae2f ./miniruby() [0x814ae2f]
```

```
0x814dc36 ./miniruby() [0x814dc36]
0x81477dd ./miniruby() [0x81477dd]
0x8083be2 ./miniruby(rb_obj_call_init+0x42) [0x8083be2]
0x80b3b5a ./miniruby(rb_class_new_instance+0x2a) [0x80b3b5a]
0x8144cb5 ./miniruby() [0x8144cb5]
0x8145000 ./miniruby() [0x8145000]
0x814f51d ./miniruby() [0x814f51d]
0x814ae2f ./miniruby() [0x814ae2f]
0x814dc36 ./miniruby() [0x814dc36]
0x814de69 ./miniruby(rb_iseq_eval_main+0x99) [0x814de69]
0x80847af ./miniruby(ruby_exec_node+0x9f) [0x80847af]
0x8085b36 ./miniruby(ruby_run_node+0x46) [0x8085b36]
0x805c58a ./miniruby(main+0x5a) [0x805c58a]
0x400c3bd6 /lib/tls/i686/cmov/libc.so.6(__libc_start_main+0xe6) [0x400c3bd6]
0x805c491 ./miniruby() [0x805c491]
```

[NOTE]

You may encounter a bug of Ruby interpreter. Bug reports are welcome.
For details: <http://www.ruby-lang.org/bugreport.html>

```
make: *** [encdb.h] Aborted
=end
```

Related issues:

Related to Backport191 - Bug #2727: make: *** [encdb.h] Aborted

Third Party's Issue #2109/2010

History

#1 - 07/03/2010 05:51 PM - jue (Juergen Daubert)

```
=begin
I ran into the same issue with ruby version 1.9.1-p429 using gcc 4.4.4. I read the comments in issue #2727, but think that it is not acceptable that the latest stable version of ruby cannot build with gcc 4.4.x now.
Note: it's not possible to build ruby without -O2 optimization because -O2 is hardcoded in configure.in if gcc is used, see the test for gcc in line 191 and the following setting of ${optflags}.
=end
```

#2 - 07/03/2010 10:41 PM - nobu (Nobuyoshi Nakada)

```
=begin
Hi,

At Sat, 3 Jul 2010 17:51:44 +0900,
Juergen Daubert wrote in [ruby-dev:41796]:
```

```
    Note: it's not possible to build ruby without -O2
    optimization because -O2 is hardcoded in configure.in if gcc
    is used, see the test for gcc in line 191 and the following
    setting of ${optflags}.
```

Why did you think it is impossible?

```
Try:
$ ./configure optflags=-O0 debugflags='-g3 -ggdb'
```

```
and/or
$ make optflags=-O3
```

```
--
--- Bug
--- Bug

```

```
=end
```

#3 - 07/04/2010 05:54 PM - jue (Juergen Daubert)

```
=begin
Hi,
yes, that works. Thanks for the hint!
```

=end