

Ruby master - Bug #11514

AIX6.1 - Ruby 2.2.3 - Segmentation fault in :byteslice

09/08/2015 12:38 PM - TRex58 (Tony Reix)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ?? ruby 2.1.1p76 (2014-02-24 revision 45161) [powerpc-aix6.1.0.0]	Backport:

Description

Testing Ruby 2.2.3 on AIX6.1 built with xlc (same with gcc) leads to a reproducible crash.

See complete trace in attached file.

Ruby version is: RUBY_PROGRAM_VERSION=2.2.3 .

```
# gmake V=1 test-all
...
objcopy -w -L 'Init_*' -L '*_threadptr_*' libruby.so.2.2.0
:
/usr/vac/bin/xlc_r -g -qinfo=por -L. -bE:ruby.imp -brtl -bllibpath:NONE/lib:/usr/lib:/lib main
.o -L/usr/local/lib -lruby -lpthread -lgmp -ldl -lcrypt -lm -o ruby
:
gmake[2]: Leaving directory `/opt/freeware/src/packages/BUILD/ruby-2.2.3'
gmake[1]: Leaving directory `/opt/freeware/src/packages/BUILD/ruby-2.2.3'
Generating RDoc documentation
./miniruby -I./lib -I. -I.ext/common ./tool/runruby.rb --extout=.ext -- --disable-gems ./bin/rdoc
oc" --root "." --page-dir "./doc" --encoding=UTF-8 --no-force-update --all --ri --op ".ext/rdoc" -
-debug "."
Parsing sources...
100% [967/967] vsnprintf.c

Generating RI format into /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/rdoc...

BEFORE @generator.generate in lib/rdoc/rdoc.rb
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:331: [BUG] **Segmentation fa
ult** at 0x000004
ruby 2.2.3p173 (2015-08-18 revision 51636) [powerpc-aix6.1.9.0]

-- Control frame information -----
c:0025 p:---- s:0126 e:000125 CFUNC **:byteslice**
c:0024 p:0019 s:0121 e:000120 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/p
arser.rb:331
c:0023 p:0009 s:0116 e:000115 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/p
arser.rb:547
c:0022 p:0438 s:0111 e:000108 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/p
arser.rb:501
c:0021 p:0017 s:0099 e:000098 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/p
arser.rb:62
c:0020 p:0019 s:0093 e:000092 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.r
b:748
...

gmake: *** [rdoc] IOT/Abort trap (core dumped)

# ll ../.ext/rdoc/core
-rw----- 1 root system 269015892 Sep 8 14:08 ../.ext/rdoc/core

# dbx ./ruby ../.ext/rdoc/core

IOT/Abort trap in pthread_kill at 0xd051ceb4 ($t1)
```

```
0xd051ceb4 (pthread_kill+0xb4) 80410014      lwz    r2,0x14(r1)
(dbx) where
pthread_kill(??, ??) at 0xd051ceb4
_p_raise(??) at 0xd051c2e8
raise.raise(??) at 0xd011f8a0
abort() at 0xd01a9a04
die(), line 395 in "error.c"
libdebug assertion "(framep->getGpr(STKP, &addr) == DB_SUCCESS && *nextStkpp == addr)" failed at line 1299 in file ../../../../../../../../../../src/bos/usr/ccs/lib/libdbx/libdebug/modules/stac
kdebug/POWER/stackdb_FrameProgress.C
rb_bug_context(ctx = 0x200f83b0, fmt = "Segmentation fault at %p", ... = 0x4, 0xd052f200, 0x0, 0x1
17100f5, 0x117100f5, 0x200f7f28), line 427 in "error.c"
sigsegv(sig = 11, info = 0x200f863c, ctx = 0x200f83b0), line 879 in "signal.c"
```

History

#1 - 09/08/2015 01:27 PM - nobu (Nobuyoshi Nakada)

- Description updated

```
c:0020 p:0019 s:0093 e:000092 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb:748
...
gmake: *** [rdoc] IOT/Abort trap (core dumped)
```

Why hide here?

Please attach the whole log.

#2 - 09/08/2015 02:17 PM - TRex58 (Tony Reix)

I had attached all the details in a file. However, I have an "internal error" when trying to look at the file. I haven't put all details in defect because, in some other projects, we are required to not put all details at first, only a summary. Here are all the details:

Testing Ruby 2.2.3 on AIX6.1 built with xlc (same with gcc) leads to a reproducible crash.

```
gmake V=1 test-all
...
objcopy -w -L 'Init_*' -L '*_threadptr_*' libruby.so.2.2.0
:
/usr/vac/bin/xlc_r -g -qinfo=por -L. -bE:ruby.imp -brtl -bllibpath:NONE/lib:/usr/lib:/lib main.o -L/usr/l
ocal/lib -lruby -lpthread -lgmp -ldl -lcrypt -lm -o ruby
:
gmake[2]: Leaving directory `/opt/freeware/src/packages/BUILD/ruby-2.2.3'
gmake[1]: Leaving directory `/opt/freeware/src/packages/BUILD/ruby-2.2.3'
Generating RDoc documentation
./miniruby -I./lib -I. -I.ext/common ./tool/runruby.rb --extout=.ext -- --disable-gems ./bin/rdoc --root "
." --page-dir "./doc" --encoding=UTF-8 --no-force-update --all --ri --op ".ext/rdoc" --debug "."
Parsing sources...
100% [967/967] vsnprintf.c

Generating RI format into /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/rdoc...

BEFORE @generator.generate in lib/rdoc/rdoc.rb
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:331: [BUG] **Segmentation fault** at 0x0
00004
ruby 2.2.3p173 (2015-08-18 revision 51636) [powerpc-aix6.1.9.0]

-- Control frame information -----
c:0025 p:---- s:0126 e:000125 CFUNC **:byteslice**
c:0024 p:0019 s:0121 e:000120 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:331
c:0023 p:0009 s:0116 e:000115 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:547
c:0022 p:0438 s:0111 e:000108 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:501
c:0021 p:0017 s:0099 e:000098 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:62
c:0020 p:0019 s:0093 e:000092 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb:748
c:0019 p:0112 s:0088 e:000087 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:143
c:0018 p:0029 s:0083 e:000082 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/comment.rb:181
c:0017 p:0055 s:0080 e:000079 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:137
c:0016 p:0010 s:0075 e:000074 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:590
```

```

[FINISH]
c:0015 p:---- s:0070 e:000069 CFUNC :map
c:0014 p:0102 s:0067 e:000066 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:589
c:0013 p:0048 s:0061 e:000056 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:322
[FINISH]
c:0012 p:---- s:0052 e:000051 CFUNC :dump
c:0011 p:0450 s:0048 e:000047 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:865
c:0010 p:0009 s:0033 e:000032 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:749 [FINISH]
]
c:0009 p:---- s:0030 e:000029 CFUNC :each
c:0008 p:0015 s:0027 e:000026 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748
c:0007 p:0009 s:0024 e:000023 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb:26
c:0006 p:0066 s:0021 e:000020 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:531 [FINISH]
c:0005 p:---- s:0019 e:000018 CFUNC :chdir
c:0004 p:0018 s:0015 e:000014 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525
c:0003 p:0369 s:0012 e:000011 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:508
c:0002 p:0049 s:0006 E:000644 EVAL ./bin/rdoc:20 [FINISH]
c:0001 p:0000 s:0002 E:00007c TOP [FINISH]

```

```
-- Ruby level backtrace information -----
```

```

./bin/rdoc:20:in `<main>'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:508:in `document'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525:in `generate'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525:in `chdir'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:531:in `block in generate'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb:26:in `generate'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748:in `save'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748:in `each'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:749:in `block in save'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:865:in `save_class'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:865:in `dump'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:322:in `marshal_dump'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:589:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:589:in `map'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:590:in `block in parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:137:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/comment.rb:181:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:143:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb:748:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:62:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:501:in `tokenize'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:547:in `token_pos'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:331:in `char_pos'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:331:in `byteslice'

```

```
-- Other runtime information -----
```

```
* Loaded script: ./bin/rdoc
```

```
* Loaded features:
```

- 0 enumerator.so
- 1 rational.so
- 2 complex.so
- 3 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/encdb.so
- 4 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/trans/transdb.so
- 5 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/iso_8859_1.so
- 6 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/unicode_normalize.rb
- 7 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc.rb
- 8 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/find.rb
- 9 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/etc.so
- 10 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/fileutils.rb
- 11 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/pathname.so
- 12 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/pathname.rb
- 13 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/date_core.so
- 14 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/date.rb
- 15 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/time.rb
- 16 /opt/freeware/src/packages/BUILD/ruby-2.2.3/rbconfig.rb
- 17 thread.rb
- 18 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/thread.so
- 19 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/compatibility.rb
- 20 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/defaults.rb
- 21 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/deprecate.rb
- 22 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/errors.rb
- 23 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/version.rb

24 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/requirement.rb
25 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/platform.rb
26 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/basic_specification.rb
27 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/stub_specification.rb
28 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/util/stringio.rb
29 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/specification.rb
30 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/exceptions.rb
31 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/core_ext/kernel_gem.rb
32 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/monitor.rb
33 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/core_ext/kernel_require.rb
34 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems.rb
35 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/path_support.rb
36 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi/util.rb
37 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/strscan.so
38 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/erb.rb
39 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator.rb
40 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/dependency.rb
41 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/version.rb
42 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/ostruct.rb
43 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/generic_object.rb
44 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/common.rb
45 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/utf_16be.so
46 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/utf_16le.so
47 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/utf_32be.so
48 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/enc/utf_32le.so
49 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/json/ext/parser.so
50 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/json/ext/generator.so
51 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/ext.rb
52 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json.rb
53 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb
54 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/formatter.rb
55 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/to_joined_paragraph.rb
56 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markdown/entities.rb
57 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markdown/literals_1_9.rb
58 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markdown.rb
59 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rd.rb
60 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb
61 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/pre_process.rb
62 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/tom_doc.rb
63 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb
64 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/code_object.rb
65 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/method_attr.rb
66 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi/core.rb
67 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi/cookie.rb
68 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi.rb
69 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb
70 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb
71 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context/section.rb
72 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/top_level.rb
73 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/markup.rb
74 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/darkfish.rb
75 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb
76 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/pot.rb
77 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb
78 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb
79 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/optparse.rb
80 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/options.rb
81 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/text.rb
82 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/simple.rb
83 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/tsort.rb
84 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/c.rb
85 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/changelog.rb
86 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/markdown.rb
87 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/rd.rb
88 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/ruby_token.rb
89 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/token_stream.rb
90 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/ruby_tools.rb
91 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser/ruby.rb
92 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/parser.rb
93 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/ri.rb
94 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/ri/paths.rb
95 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/stats.rb
96 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/io/console.so
97 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/io/console/size.rb
98 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/stats/quiet.rb

```

 99 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/stats/normal.rb
100 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/encoding.rb
101 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/comment.rb
102 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/document.rb
103 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/heading.rb
104 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/blank_line.rb
105 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/list.rb
106 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/raw.rb
107 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/paragraph.rb
108 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/list_item.rb
109 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/known_classes.rb
110 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/normal_class.rb
111 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/any_method.rb
112 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/mixin.rb
113 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/include.rb
114 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/alias.rb
115 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/constant.rb
116 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/normal_module.rb
117 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/attr.rb
118 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/e2mmap.rb
119 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/irb/output-method.rb
120 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/irb/notifier.rb
121 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/irb/slex.rb
122 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.9.0/stringio.so
123 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/ruby_lex.rb
124 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/require.rb
125 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/extend.rb
126 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/ghost_method.rb
127 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/meta_method.rb
128 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/verbatim.rb

```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.

Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

```
gmake: *** [rdoc] IOT/Abort trap (core dumped)
```

```
# dbx ./ruby ./ext/rdoc/core
```

```
Type 'help' for help.
```

```
[using memory image in ./ext/rdoc/core]
```

```
reading symbolic information ...
```

```
IOT/Abort trap in pthread_kill at 0xd051ceb4 ($t1)
```

```
0xd051ceb4 (pthread_kill+0xb4) 80410014 lwz r2,0x14(r1)
```

```
(dbx) where
```

```
pthread_kill(??, ??) at 0xd051ceb4
```

```
_p_raise(??) at 0xd051c2e8
```

```
raise.raise(??) at 0xd011f8a0
```

```
abort() at 0xd01a9a04
```

```
die(), line 395 in "error.c"
```

```
libdebug assertion "(framep->getGpr(STKP, &addr) == DB_SUCCESS && *nextStkpp == addr)" failed at line 1299 in file ../../../../../../src/bos/usr/ccs/lib/libdbx/libdebug/modules/stackdebug/POWER/stackdb_FrameProgress.C
```

```
rb_bug_context(ctx = 0x200f83b0, fmt = "Segmentation fault at %p", ... = 0x4, 0xd052f200, 0x0, 0x117100f5, 0x117100f5, 0x200f7f28), line 427 in "error.c"
```

```
sigsegv(sig = 11, info = 0x200f863c, ctx = 0x200f83b0), line 879 in "signal.c"
```

#3 - 09/15/2015 12:10 AM - ReiOdaira (Rei Odaira)

I discussed this with Tony using emails, and it turned out that it was due to the default size limit in memory allocation on AIX. Users must set the following environment variable to allocate more than 256MB on AIX.

```
export LDR_CNTRL=MAXDATA=0x80000000
```

#4 - 09/15/2015 01:49 AM - nobu (Nobuyoshi Nakada)

I think that NoMemoryError must raise in such case.

Where does the failure occur?

You can run ruby with gdb by --debugger option.

```
./miniruby -I./lib -I. -I.ext/common ./tool/runruby.rb --debugger --extout=.ext -- --disable-gems ./bin/rdoc
--root "." --page-dir "./doc" --encoding=UTF-8 --no-force-update --all --ri --op ".ext/rdoc" --debug "
```

I don't remember dbx however, if it does not have --args option or similar, you need to run to just start:

```
./miniruby -I./lib -I. -I.ext/common ./tool/runruby.rb --debugger=dbx --extout=.ext
```

and then run with the rest arguments.

#5 - 09/15/2015 10:07 AM - TRex58 (Tony Reix)

Rei Odaira wrote:

I discussed this with Tony using emails, and it turned out that it was due to the default size limit in memory allocation on AIX. Users must set the following environment variable to allocate more than 256MB on AIX. `export LDR_CNTRL=MAXDATA=0x80000000`

Hi Rei. Though using LDR_CNTRL did fix several memory errors, I'm not sure that the core I have at this step is due to it.

Up to now, I was focused on listing/analyzing the remaining errors that are AIX-specific, avoiding to repeat the core.

Now, I will clean and rerun the test that makes the core appear, **WITH** `export LDR_CNTRL=MAXDATA=0x80000000`, so that we are sure if it is - or not - related to the memory allocation.

#6 - 09/15/2015 03:43 PM - TRex58 (Tony Reix)

Tony Reix wrote:

Now, I will clean and rerun the test that makes the core appear, **WITH** `export LDR_CNTRL=MAXDATA=0x80000000`, so that we are sure if it is - or not - related to the memory allocation.

I've rerun 3 times the .ext/rdoc phase, **WITH** `export LDR_CNTRL=MAXDATA=0x80000000`, and I got no core.

However, I've got a new core when running the tests...

So, I will close this defect and I should open a new ones tomorrow.

Hummmm Don't know how I can cancel this defect.

#7 - 09/17/2015 04:15 PM - TRex58 (Tony Reix)

I've got a different crash in the same place.

The .spec file does have the `export LDR_CNTRL=MAXDATA=0x80000000` .

```
gmake test
....
Generating RDoc documentation
./miniruby -I./lib -I. -I.ext/common ./tool/runruby.rb --extout=.ext -- --disable-gems ./bin/rdoc --root "
." --page-dir "./doc" --encoding=UTF-8 --no-force-update --all --ri --op ".ext/rdoc" --debug "."
Parsing sources...
100% [967/967] vsnprintf.c

Generating RI format into /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/rdoc...
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:893: [BUG] Segmentation fault at 0x000004
ruby 2.2.3p173 (2015-08-18 revision 51636) [powerpc-aix6.1.0.0]

-- Control frame information -----
c:0018 p:---- s:0065 e:000064 CFUNC :write
c:0017 p:0010 s:0061 e:000060 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:893 [FINISH
]
c:0016 p:---- s:0058 e:000057 CFUNC :open
c:0015 p:0144 s:0053 e:000052 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:892
c:0014 p:0011 s:0045 e:000044 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:752
c:0013 p:0008 s:0042 e:000041 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb:731 [FINI
SH]
c:0012 p:---- s:0039 e:000038 CFUNC :each
c:0011 p:0029 s:0036 e:000035 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb:731
c:0010 p:0016 s:0033 e:000032 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:751 [FINISH
]
c:0009 p:---- s:0030 e:000029 CFUNC :each
c:0008 p:0015 s:0027 e:000026 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748
c:0007 p:0009 s:0024 e:000023 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb:26
c:0006 p:0057 s:0021 e:000020 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:530 [FINISH]
c:0005 p:---- s:0019 e:000018 CFUNC :chdir
c:0004 p:0018 s:0015 e:000014 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525
c:0003 p:0369 s:0012 e:000011 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:508
c:0002 p:0049 s:0006 E:002514 EVAL ./bin/rdoc:20 [FINISH]
c:0001 p:0000 s:0002 E:00007c TOP [FINISH]

-- Ruby level backtrace information -----
./bin/rdoc:20:in `<main>'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:508:in `document'
```

```
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525:in `generate'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525:in `chdir'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:530:in `block in generate'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb:26:in `generate'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748:in `save'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748:in `each'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:751:in `block in save'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb:731:in `each_method'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb:731:in `each'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb:731:in `block in each_method'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:752:in `block (2 levels) in save'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:892:in `save_method'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:892:in `open'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:893:in `block in save_method'  
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:893:in `write'
```

-- Other runtime information -----

* Loaded script: ./bin/rdoc

* Loaded features:

```
0 enumerator.so  
1 rational.so  
2 complex.so  
3 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/encdb.so  
4 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/trans/transdb.so  
5 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/iso_8859_1.so  
6 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/unicode_normalize.rb  
7 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc.rb  
8 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/find.rb  
9 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/etc.so  
10 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/fileutils.rb  
11 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/pathname.so  
12 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/pathname.rb  
13 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/date_core.so  
14 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/date.rb  
15 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/time.rb  
16 /opt/freeware/src/packages/BUILD/ruby-2.2.3/rbconfig.rb  
17 thread.rb  
18 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/thread.so  
19 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/compatibility.rb  
20 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/defaults.rb  
21 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/deprecate.rb  
22 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/errors.rb  
23 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/version.rb  
24 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/requirement.rb  
25 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/platform.rb  
26 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/basic_specification.rb  
27 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/stub_specification.rb  
28 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/util/stringio.rb  
29 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/specification.rb  
30 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/exceptions.rb  
31 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/core_ext/kernel_gem.rb  
32 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/monitor.rb  
33 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/core_ext/kernel_require.rb  
34 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems.rb  
35 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/path_support.rb  
36 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi/util.rb  
37 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/strscan.so  
38 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/erb.rb  
39 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator.rb  
40 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rubygems/dependency.rb  
41 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/version.rb  
42 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/openssl.rb  
43 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/generic_object.rb  
44 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/common.rb  
45 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/utf_16be.so  
46 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/utf_16le.so  
47 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/utf_32be.so  
48 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/enc/utf_32le.so  
49 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/json/ext/parser.so  
50 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/powerpc-aix6.1.0.0/json/ext/generator.so  
51 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json/ext.rb  
52 /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/common/json.rb
```

```

53 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb
54 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/formatter.rb
55 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/to_joined_paragraph.rb
56 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markdown/entities.rb
57 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markdown/literals_1_9.rb
58 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markdown.rb
59 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rd.rb
60 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb
61 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/pre_process.rb
62 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/tom_doc.rb
63 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb
64 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/code_object.rb
65 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/method_attr.rb
66 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi/core.rb
67 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi/cookie.rb
68 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/cgi.rb
69 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context.rb
70 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb
71 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/context/section.rb
72 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/top_level.rb
73 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/markup.rb
74 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/darkfish.rb
75 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb
76 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/pot.rb
77 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb
78 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb
79 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/optparse.rb
80 /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/options.rb

```

```

# dbx ./ruby ./ext/rdoc/core
Type 'help' for help.
[using memory image in ./ext/rdoc/core]
reading symbolic information ...

```

```

IOT/Abort trap in pthread_kill at 0xd051ceb4 ($t1)
0xd051ceb4 (pthread_kill+0xb4) 80410014      lwz    r2,0x14(r1)
(dbx) where
pthread_kill(??, ??) at 0xd051ceb4
_p_raise(??) at 0xd051c2e8
raise.raise(??) at 0xd011f8a0
abort() at 0xd01a9a04
die(), line 395 in "error.c"
libdebug assertion "(framep->getGpr(STKP, &addr) == DB_SUCCESS && *nextStkpp == addr)" failed at line 1299 in
file ../../../../../../../../../../../../../../src/bos/usr/ccs/lib/libdbx/libdebug/modules/stackdebug/POWER/stackdb_Fra
meProgress.C
rb_bug_context(ctx = 0x200f83b0, fmt = "Segmentation fault at %p", ... = 0x4, 0xd052f200, 0x0, 0x1275008f, 0x1
275008f, 0x200f7f28), line 427 in "error.c"
sigsegv(sig = 11, info = 0x200f863c, ctx = 0x200f83b0), line 879 in "signal.c"
(dbx)

```

#8 - 09/18/2015 02:02 AM - nobu (Nobuyoshi Nakada)

If dbx can't handle sigaltstack, try configure with --enable-debug-env option and run with environment variable RUBY_DEBUG=core.

#9 - 09/18/2015 07:39 AM - TRex58 (Tony Reix)

Nobuyoshi Nakada wrote:

If dbx can't handle sigaltstack, try configure with --enable-debug-env option and run with environment variable RUBY_DEBUG=core.

I've tried to reproduce the issue before I've got your note:

- first, I forgot to set: LDR_CNTRL=MAXDATA=0x80000000 , thus I got (see below for full trace):

```

/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:893: [BUG] Segmentation fault at 0x000004
c:0024 p:---- s:0120 e:000119 CFUNC :byteslice

```

which seems to be a characteristics when LDR_CNTRL=... is missing.
It is not exactly the same crash that I got at first:

```

/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:331: [BUG] Segmentation fault at 0x0
00004
c:0025 p:---- s:0126 e:000125 CFUNC :byteslice

```


but it also deals with :byteslice.

So, probably that there is some missing test that does not prevent the process to be corrupted and crash in :byteslice.

- second, I set: LDR_CNTRL=MAXDATA=0x80000000 , and... then I got NO crash !

```
Total:      15495 (3725 undocumented)
75.96% documented
Elapsed: 872.7s
```

So, maybe that this :write crash is random ?!

Details of :byteslice crash:

Parsing sources...

100% [967/967] vsnprintf.c

Generating RI format into /opt/freeware/src/packages/BUILD/ruby-2.2.3/.ext/rdoc...

/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:327: [BUG] Segmentation fault at 0x00000004

ruby 2.2.3p173 (2015-08-18 revision 51636) [powerpc-aix6.1.0.0]

-- Control frame information -----

```
c:0024 p:---- s:0120 e:000119 CFUNC :byteslice
c:0023 p:0019 s:0115 e:000114 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:327
c:0022 p:0228 s:0110 e:000108 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:473
c:0021 p:0017 s:0099 e:000098 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:60
c:0020 p:0019 s:0093 e:000092 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb:748
c:0019 p:0112 s:0088 e:000087 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:143
c:0018 p:0029 s:0083 e:000082 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/comment.rb:181
c:0017 p:0055 s:0080 e:000079 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:137
c:0016 p:0010 s:0075 e:000074 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:590
[FINISH]
c:0015 p:---- s:0070 e:000069 CFUNC :map
c:0014 p:0102 s:0067 e:000066 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:589
c:0013 p:0048 s:0061 e:000056 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:322
[FINISH]
c:0012 p:---- s:0052 e:000051 CFUNC :dump
c:0011 p:0450 s:0048 e:000047 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:865
c:0010 p:0009 s:0033 e:000032 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:749 [FINISH]
]
c:0009 p:---- s:0030 e:000029 CFUNC :each
c:0008 p:0015 s:0027 e:000026 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748
c:0007 p:0009 s:0024 e:000023 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb:26
c:0006 p:0057 s:0021 e:000020 BLOCK /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:530 [FINISH]
c:0005 p:---- s:0019 e:000018 CFUNC :chdir
c:0004 p:0018 s:0015 e:000014 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525
c:0003 p:0369 s:0012 e:000011 METHOD /opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:508
c:0002 p:0049 s:0006 E:000354 EVAL ./bin/rdoc:20 [FINISH]
c:0001 p:0000 s:0002 E:00007c TOP [FINISH]
```

-- Ruby level backtrace information -----

```
./bin/rdoc:20:in `<main>'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:508:in `document'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525:in `generate'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:525:in `chdir'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/rdoc.rb:530:in `block in generate'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/generator/ri.rb:26:in `generate'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748:in `save'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:748:in `each'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:749:in `block in save'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:865:in `save_class'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/store.rb:865:in `dump'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:322:in `marshal_dump'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:589:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:589:in `map'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/class_module.rb:590:in `block in parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:137:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/comment.rb:181:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/text.rb:143:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup.rb:748:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:60:in `parse'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:473:in `tokenize'
/opt/freeware/src/packages/BUILD/ruby-2.2.3/lib/rdoc/markup/parser.rb:327:in `char_pos'
```

Files

RubyCore	15.8 KB	09/08/2015	TRex58 (Tony Reix)
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