Ruby master - Bug #5073

Ruby 1.9.2 may fail to build ri data when an RDoc plugin is installed

07/22/2011 12:48 PM - ryadav (Rajinder Yadav)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>drbrain (Eric Hodel)</td>
</tr>
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<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>1.9.2p136</td>
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<td>Backport:</td>
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**Description**

I get the following build error on my Linux box while trying to build ruby-1.9.2-p290, how to fix? it look like a issues with RDoc

```
make[1]: Entering directory /opt/ruby-1.9.2-p290'
gcc -O3 -ggdb -Wextra -Wno-unused-parameter -Wno-parentheses
     -Wpointer-arith -Wwrite-strings -Wno-missing-field-initializers
     -Wno-long-long -L. -rdynamic -WI,-export-dynamic main.o -WI,-R
     -WI,`/usr/local/lib -L/usr/local/lib -lruby-static -lpthread -lrt -ldl
     -lcrypt -lm -o ruby
make[1]: Leaving directory /opt/ruby-1.9.2-p290'
Generating RDoc documentation
./miniruby -I./lib -I.ext/common -I./ -r./ext/purelib.rb
./tool/runruby.rb --extout=.ext -- "/bin/rdoc" --no-force-update
   --all --ri --op ".ext/rdoc" "." 
/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/rdoc.rb:79:
warning: already initialized constant GENERATORS
uh-oh! RDoc had a problem:
undefined method `coverage_report' for #<RDoc::Options:0x00000001966e68
run with --debug for full backtrace
make: *** [rdoc] Error 1

================
On Wed, Jul 20, 2011 at 11:04 PM, Eric Hodel drbrain@segment7.net wrote:

On Jul 20, 2011, at 6:28 PM, Dev Guy wrote:

On Jul 20, 2011 at 9:08 PM, Eric Hodel drbrain@segment7.net wrote:

On Jul 20, 2011, at 8:29 AM, Dev Guy wrote:

    I get the following build error on my Linux box while trying to build ruby-1.9.2-p290, how to fix? it look like a issues with RDoc

    Can you run just this from the build directory:

    ./miniruby -I./lib -I.ext/common -I./ -r./ext/purelib.rb
    ./tool/runruby.rb --extout=.ext -- "/bin/rdoc" --no-force-update
        --all --ri --op ".ext/rdoc" "." --debug

    It should print out a backtrace

    i assume that's all in one line?

Yup.
```
here is what I got

```
/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/rdoc.rb:79: warning: already initialized constant GENERATORS
undefined method coverage_report' for #<RDoc::Options:0x000000027cd678>
```

I tried to reproduce your issue with the following steps:

Download 1.9.2-p136 and -p290

Install p136 into ~/tmp/ruby/136

export PATH=~/tmp/ruby/136/bin

Install RDoc 3.8

in p290: ./configure --prefix=/Users/drbrain/tmp/ruby/290; make

It did not reproduce.

Do you have RUBYOPT set?

Do you have any rdoc plugins installed? gem list rdoc should list them

Can you run this command:

```
$ ./miniruby -I./lib -I.ext/common -I./ -r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- -e 'require "rdoc/rdoc"; p $".grep(/generator/)'
```

I get:

```
["/Users/drbrain/tmp/ruby/ruby-1.9.2-p290/lib/rdoc/generator.rb",
 "/Users/drbrain/tmp/ruby/ruby-1.9.2-p290/lib/rdoc/generator/markup.rb",
 "/Users/drbrain/tmp/ruby/ruby-1.9.2-p290/lib/rdoc/generator/darkfish.rb",
 "/Users/drbrain/tmp/ruby/ruby-1.9.2-p290/lib/rdoc/generator/ri.rb"
```

You should see something similar.

my output is (not sure why I got 1.9.1 in there???)

```
["/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator.rb",
 "/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/markup.rb",
 "/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/darkfish.rb",
 "/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/ri.rb",
 "/usr/local/lib/ruby/gems/1.9.1/gems/horo-1.0.3/lib/rdoc/generator/horo.rb"]
```

these are all my installed gems

*** LOCAL GEMS ***

abstract (1.0.0)
actionmailer (3.0.9, 3.0.4)
actionpack (3.0.9, 3.0.4)
activemodel (3.0.9, 3.0.4)
active-record (3.0.9, 3.0.4)
activerecord (3.0.9, 3.0.4)
activerecord (3.0.9, 3.0.4)
activerecord (3.0.9, 3.0.4)
activerecord (3.0.9, 3.0.4)
activerecord (3.0.9, 3.0.4)
active-record-minitar (0.5.2)
arel (2.1.3, 2.0.10, 2.0.9, 2.0.8)
authlogic (2.1.6)
autotest (4.4.6)
On 11-07-21 09:24 PM, Dev Guy wrote:

```bash
./miniruby -I./lib -I./ext/common -I./ -r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- -e 'require "rdoc/rdoc"; p $".grep(/generator/)'
```

btw I am seeing the exact same issue on my other Linux box

```
$uname -a
Linux karma 2.6.38-10-generic #46-Ubuntu SMP Tue Jun 28 15:07:17 UTC 2011 x86_64 x86_64 x86_64 GNU/Linux
```

```
$ ruby -v
ruby 1.9.2p180 (2011-02-18 revision 30909) [x86_64-linux]
```

```
$ gem -v
1.3.7
```

```bash
$ ./miniruby -I./lib -I./ext/common -I./ -r./ext/purelib.rb ./tool/runruby.rb --extout=.ext -- -e 'require "rdoc/rdoc"; p $".grep(/generator/)'
```

```
/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/rdoc.rb:79: warning: already initialized constant GENERATORS
['/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/markup.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/darkfish.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/ri.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/horo-1.0.3/lib/rdoc/generator/horo.rb']
```

On Jul 21, 2011, at 6:25 PM, Dev Guy wrote:

```
my output is (not sure why I got 1.9.1 in there???)
1.9.1 is the API compatibility version. 1.9.1 is expected.
```

```
['/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/markup.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/darkfish.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/rdoc-3.8/lib/rdoc/generator/ri.rb',
 '/usr/local/lib/ruby/gems/1.9.1/gems/horo-1.0.3/lib/rdoc/generator/horo.rb']
```

You can work around this by uninstalling horo or RDoc 3.8 and reinstalling after completing the upgrade to 1.9.2-p290.

I'm not sure how to fix the actual issue in an easy way.

The problem is this:
RDoc 2.5.8 comes with Ruby 1.9.2

RDoc 2.5.8 will try to load plugins when rdoc/rdoc is loaded.

The plugin horo activates the RDoc gem, then requires rdoc/rdoc again redefining methods that won't work with the objects created before the plugin load.

Could you add a ticket to redmine.ruby-lang.org and assign it to me?

It should say "RDoc should not load plugins when building ri data"

History

#1 - 07/22/2011 01:29 PM - drbrain (Eric Hodel)
- Priority changed from Normal to 3

#2 - 07/22/2011 01:31 PM - drbrain (Eric Hodel)
- Subject changed from error building ruby p290 to Ruby 1.9.2 may fail to build ri data when an RDoc plugin is installed

#3 - 03/18/2012 06:46 PM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Assigned

#4 - 12/18/2012 03:05 PM - drbrain (Eric Hodel)
- Target version changed from 1.9.2 to 2.0.0

This seems fixed in latest rdoc.

#5 - 12/18/2012 03:05 PM - drbrain (Eric Hodel)
- Status changed from Assigned to Closed