Ruby master - Bug #9038

instance_eval throws RuntimeError for bad syntax (regression from 2.0.0)

10/21/2013 03:22 PM - indirect (André Arko)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
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<tr>
<td>Target version:</td>
<td>ruby 2.1.0dev  (2013-10-20 trunk 43373) [x86_64-linux]</td>
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</table>

### Description

In Ruby 2.1.0dev (2013-10-20 trunk 43373), instance_eval throws a RuntimeError when it should throw a SyntaxError, but only the first time it is called. If you use an IRB session to call instance_eval a second time with the exact same arguments, it produces the expected SyntaxError instead of .

Here is an example:
```ruby
ruby -e "instance_eval('/unquoted/string/syntax/error')"
```

That example raises a SyntaxError on Ruby 2.0.0p247, but raises a RuntimeError on 2.1.0dev (2013-10-20 trunk 43373).

### Associated revisions

**Revision 274e50c1** - 10/21/2013 02:57 PM - nobu (Nobuyoshi Nakada)

- encoding.c: preserve outer errinfo
  - encoding.c (load_encoding): should preserve outer errinfo, so that expected exception may not be lost. [ruby-core:57949] [Bug #9038]

- **git-svn-id:** svn+ssh://ci.ruby-lang.org/ruby/trunk@43376 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 43376** - 10/21/2013 02:57 PM - nobu (Nobuyoshi Nakada)

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**Revision cafc5a30** - 10/24/2013 01:46 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 43376: [Backport #9038]
encoding.c (load_encoding): should preserve outer errinfo, so that expected exception may not be lost. [ruby-core:57949] [Bug #9038]

History

#1 - 10/21/2013 11:57 PM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r43376.
André, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

encoding.c: preserve outer errinfo

- encoding.c (load_encoding): should preserve outer errinfo, so that expected exception may not be lost. [ruby-core:57949] [Bug #9038]

#2 - 10/23/2013 12:05 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN to 1.9.3: UNKNOWN, 2.0.0: REQUIRED

Even though this issue is not reproducible with 2.0.0, the same flaw exists on ruby_2_0_0. I'll backport r43376 to fix a potential bug.

#3 - 10/24/2013 10:48 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 1.9.3: UNKNOWN, 2.0.0: REQUIRED to 1.9.3: UNKNOWN, 2.0.0: DONE

r43376 is backported to ruby_2_0_0 branch at r43414. I modify test code not to use new assertion of Test::Unit.

#4 - 05/06/2014 02:21 PM - nobu (Nobuyoshi Nakada)
- Description updated

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
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<td>error.rb</td>
<td>30 Bytes</td>
<td>10/21/2013</td>
<td>indirect (André Arko)</td>
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