# Ruby master - Feature #2824

## Backtrace from Singleton Classes is Unclear

02/28/2010 08:54 AM - runpaint (Run Paint Run Run)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
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</tbody>
</table>

### Description

```
$ ruby -e 'class << self; x; end'
-e:1:in singletonclass': undefined local variable or methodx' for #<Class:<Object:0x83efde8> (NameError)
from -e:1:in '

However, more useful would be to indicate which object's singleton class raised the exception. This is particularly relevant for exceptions whose messages do not include the caller's #inspect output. For example, compare:

$ ruby -e 'class H; 1/0; end'
-e:1:in '/':: divided by 0 (ZeroDivisionError)
from -e:1:in 'class:H'
from -e:1:in ''

$ ruby -e 'class << "c"; 1/0; end'
-e:1:in '/':: divided by 0 (ZeroDivisionError)
from -e:1:in 'singletonclass'
from -e:1:in ''
```

### Associated revisions

**Revision 7e78f6f5 - 03/18/2012 06:28 AM - akr (Akira Tanaka)**

- compile.c: typo fix by Run Paint Run Run. [ruby-core:28368] [Bug #2824]

**Revision 35079 - 03/18/2012 06:28 AM - akr (Akira Tanaka)**

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03/19/2020
compile.c: typo fix by Run Paint Run Run. [ruby-core:28368] [Bug #2824]

History

#1 - 04/02/2010 08:51 AM - znz (Kazuhiro NISHIYAMA)
- Target version set to 2.0.0

=end

#2 - 09/02/2010 11:45 PM - runpaint (Run Paint Run Run)
- File singleton-compile.c.patch added

=end

The attached fixes the typo; improving the error message appears to require knowledge of YARV internals.

#3 - 03/18/2012 03:28 PM - akr (Akira Tanaka)
- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r35079.
Run Paint, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

compile.c: typo fix by Run Paint Run Run. [ruby-core:28368] [Bug #2824]

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>singleton-compile.c.patch</td>
<td>475 Bytes</td>
<td>09/02/2010</td>
<td>runpaint (Run Paint Run Run)</td>
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</tbody>
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