Ruby master - Bug #4401
override :method method breaks Psych
02/16/2011 12:12 AM - godfat (Lin Jen-Shin)

<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>tenderlovemaking (Aaron Patterson)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>Backport:</td>
<td></td>
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### Description
I am not sure if this could be considered a bug, but it used to work.
To reproduce it:

```ruby
ruby -r psych -v -e 'Psych.dump(Struct.new(:method).new)
```

```
ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-darwin10.5.0]
/usr/local/Cellar/ruby/1.9.2-p136/lib/ruby/1.9.1/psych/visitors/yaml_tree.rb:48:in method': wrong number of arguments(1 for 0)
(ArgumentError)
from /usr/local/Cellar/ruby/1.9.2-p136/lib/ruby/1.9.1/psych/visitors/yaml_tree.rb:48:in accept'
from /usr/local/Cellar/ruby/1.9.2-p136/lib/ruby/1.9.1/psych/visitors/yaml_tree.rb:36:in <<'
from /usr/local/Cellar/ruby/1.9.2-p136/lib/ruby/1.9.1/psych.rb:165:indump'
from -e:1:in `'
```

I don't have a good idea how to fix it,
but here's some demonstration:

https://github.com/godfat/ruby/commit/f4e0e8f781b05c767ad2472a43a4ed0727a75708
https://github.com/godfat/ruby/commit/c7a6cf975d88828c2ed27d253f41c480f9b66ad6

Patches attached as well, the same as above two commits.
I think they are against r30885.

Many thanks!

p.s. this issue was found in delayed_job's:

```ruby
class PerformableMethod < Struct.new(:object, :method, :args)
  def call
  end
end
```

### History

#### #1 - 02/17/2011 08:03 PM - godfat (Lin Jen-Shin)
=begin
The other way, might be:

```ruby
```

Either way is fine for me.
=end

#### #2 - 02/18/2011 01:00 AM - headius (Charles Nutter)
=begin
Fails the same in JRuby (we just reuse Psych's .rb code): http://jira.codehaus.org/browse/JRUBY-5520
=end

#### #3 - 03/26/2011 10:25 PM - shyouhei (Shyouhei Urabe)
- Status changed from Open to Assigned

#### #4 - 06/11/2011 03:45 PM - ko1 (Koichi Sasada)
Aaron, how about it?
This was fixed in r31075. I'm not sure why redmine didn't automatically close.

Files

<table>
<thead>
<tr>
<th>Patch Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>0001-psych-visitors-yaml_tree.rb-use-public_method-instead.patch</td>
<td>2.77 KB</td>
<td>02/16/2011</td>
<td>godfat (Lin Jen-Shin)</td>
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<tr>
<td>0002-psych-visitors-yaml_tree.rb-skip-warning-when-except-.patch</td>
<td>2.69 KB</td>
<td>02/16/2011</td>
<td>godfat (Lin Jen-Shin)</td>
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