Ruby master - Bug #7261

Symbol#to_proc to retrieve a method from current refinement

11/02/2012 05:52 AM - matz (Yukihiro Matsumoto)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>shugo (Shugo Maeda)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 2.0.0dev (2012-11-01 trunk 37415) [i486-linux]</td>
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</tbody>
</table>

**Description**

Currently Symbol#to_proc retrieves the global definition of the method, since refinement is a lexical scope. But if possible, it is better that Symbol#to_proc can retrieve a method from current refinement.

```ruby
module Silly
  refine Integer do
    def bar; p :bar; end
  end
end

module Stupid
  using Silly
  1.bar # => :bar
  [1,2].each(&:bar) # => undefined method `bar'
end
```

What do you think?

It should be done before 2.0.0 if we merge, to avoid future compatibility issues.

Matz.

**Associated revisions**

**Revision bb504213** - 11/02/2012 05:48 AM - shugo (Shugo Maeda)

- string.c (sym_to_proc, sym_call): A Proc created by Symbol#to_proc should close over the current refinements.
  [ruby-dev:46345] [Bug #7261]

- vm_eval.c (rb_call0, rb_search_method_entry, rb_funcall_passing_block_with_refinements): add a new argument `refinements' for the above changes.

- test/ruby/test_refinement.rb: related test.

**Revision 37418** - 11/02/2012 05:48 AM - shugo (Shugo Maeda)

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**History**

#1 - 11/02/2012 02:48 PM - shugo (Shugo Maeda)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r37418.

Yukihiro, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.