

Ruby master - Feature #9786

refinement & map(&:refinement_method) does not work

04/29/2014 06:57 PM - wilburlo (Daniel Lo)

| | |
|--|----------|
| Status: | Rejected |
| Priority: | Normal |
| Assignee: | |
| Target version: | |
| Description | |
| Greetings! | |
| Thank you for your hard work on ruby, I love the language. | |
| I encountered an oddity, in which, I expected a refinement to be available and it wasn't. | |
| Here is the sample code using: ruby 2.1.1p76 (2014-02-24 revision 45161) [x86_64-linux] | |
| <pre>\$ irb irb(main):001:0> module MyRefinement irb(main):002:1> refine Fixnum do irb(main):003:2* def add_z irb(main):004:3> self.to_s + 'z' irb(main):005:3> end irb(main):006:2> end irb(main):007:1> end => #<refinement:Fixnum@MyRefinement> irb(main):008:0> irb(main):009:0* irb(main):010:0* class Test irb(main):011:1> using MyRefinement irb(main):012:1> irb(main):013:1* a = [1, 2] irb(main):014:1> puts a.map(&:to_s) irb(main):015:1> puts '-----' irb(main):016:1> puts a.first.add_z irb(main):017:1> puts '-----' irb(main):018:1> puts a.map(&:add_z) irb(main):019:1> end 1 2 ----- 1z ----- NoMethodError: super: no superclass method `add_z' for 1:Fixnum from (irb):18:in `map' from (irb):18:in `<class:test>' from (irb):10 from /usr/local/bin/irb:11:in `<main>' irb(main):020:0></main></class:test></pre> | |
| Here is the code without the irb comments: | |
| <pre>module MyRefinement refine Fixnum do def add_z self.to_s + 'z' end end end class Test using MyRefinement</pre> | |

```
a = [ 1, 2 ]
puts a.map(&:to_s)
puts '-----'
puts a.first.add_z
puts '-----'
puts a.map(&:add_z)
end
```

Thank you!

-daniel

Associated revisions

Revision e4256538 - 07/07/2014 02:49 AM - usa (Usaku NAKAMURA)

merge revision(s) 45845,45847: [Backport #9786]

```
* parse.y (local_tbl_gen): remove local variables duplicated with
arguments.
[ruby-core:60501] [Bug #9486]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@46731 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 46731 - 07/07/2014 02:49 AM - usa (Usaku NAKAMURA)

merge revision(s) 45845,45847: [Backport #9786]

```
* parse.y (local_tbl_gen): remove local variables duplicated with
arguments.
[ruby-core:60501] [Bug #9486]
```

History

#1 - 04/30/2014 02:01 AM - nobu (Nobuyoshi Nakada)

- *Description updated*

- *Status changed from Open to Rejected*

Refinements does affects to the current scope only.
And Symbol#to_proc is independent from the callers' context.

A block works as you expect:

```
puts a.map {|x| x.add_z}
```