Ruby trunk - Feature #15373

Proposal: Enable refinements to `#method` and `#instance_method`

12/03/2018 08:47 AM - osyo (manga osyo)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		

Description

Proposal enable refinements to #method and #instance_method.
It can be used in the following cases.

```
# default call to #pp
module P2PP
  refine Kernel do
    def p obj
      pp obj
    end
  end
end

using P2PP

# call to Kernel.#pp
[1, 2, 3].map(&method(:p))
```

Also, when checking the defined position as follows, the refine place is reflected.

```
module P2PP
  refine Kernel do
    def p obj
      pp obj
    end
  end
end

# Output to refine defined position
# Before
p method(:p).source_location
# => nil
p Kernel.instance_method(:p).source_location
# => nil

using P2PP

# After
p method(:p).source_location
# => ["../ruby/test.rb", 4]
p Kernel.instance_method(:p).source_location
# => ["../ruby/test.rb", 4]
```

I want .: operators to work.
https://bugs.ruby-lang.org/issues/13581

pull reqiest: https://github.com/ruby/ruby/pull/2034

Associated revisions

Revision 66935 - 01/28/2019 11:45 AM - nobu (Nobuyoshi Nakada)

Add refinements support to method/instance_method.

[Fix GH-2034]

From: manga_osyo manga.osyo@gmail.com

History

#1 - 12/03/2018 09:20 AM - shevegen (Robert A. Heiler)

I won't comment on the .: here and not about the first part
of the suggestions here either, but about .source_location
I agree as that would make sense (to me at the least).

Returning something that exists is better than returning
nil in this context. In a REPL this can be useful too since
one can e. g. automatically "jump" to the code in question
and modify it (I think pry is doing something like this).

I think matz has to decide whether he wants that functionality
to work (in regards to .source_location; I don't refer to
the other parts of the issue).

If approved I would then recommend, if it is changed, to
also add a comment for the documentation of
.source_location to mention that it works with refinements
too, and perhaps add an example, similar to the one
in this issue request:

https://ruby-doc.org/core/Method.html#method-i-source_location

#2 - 12/03/2018 11:16 AM - osyo (manga osyo)

Thank you! shevegen :)

#3 - 01/28/2019 01:52 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed