Ruby master - Feature #13172
Method that yields object to block and returns result
01/31/2017 03:40 AM - Nondv (Dmitry Non)

Status: Closed
Priority: Normal
Assignee:
Target version:

Description
Hi everyone!

There's a #tap method, that yields receiver to block and returns receiver itself.
I would like to see method, which would return yield's result.

```ruby
some_object.some_method.pass { |x| x && another_object.another_method(x) }
```

I've seen many code samples that had a some "middle-variables" to store some_method result.
Those variables are useless after few lines of code, so it would be great to create them in a limited scope (block).

P.S. I am very sorry for my english. I hope you understood me:D
P.P.S. I think there should be a better name than pass for such method

UPD. I've created a PR to see if #pass fits: https://github.com/ruby/ruby/pull/1521

$ irb
>> Time.now.pass { |t| t.sunday? ? 'Yay!' : ':(' }
=> ":("

Related issues:
- Is duplicate of Ruby master - Feature #10095: Object#as Closed
- Is duplicate of Ruby master - Feature #11717: Object#trap -- pass object to b... Closed
- Is duplicate of Ruby master - Feature #12760: Optional block argument for `it... Closed

History
#1 - 01/31/2017 03:41 AM - Nondv (Dmitry Non)
- Description updated

#2 - 01/31/2017 03:42 AM - Nondv (Dmitry Non)
- Subject changed from Object#pass (yield object to block and return result) to Method that yields object to block and returns result

#3 - 01/31/2017 03:45 AM - Nondv (Dmitry Non)
Oh, I forgot to notice. There's #instance_eval method, which do the job, but it evaluates block in object context, so it doesn't fit

#4 - 01/31/2017 03:45 AM - Nondv (Dmitry Non)
- Tracker changed from Bug to Feature

#5 - 01/31/2017 03:57 AM - phluid61 (Matthew Kerwin)

- #6721
- #6684
- #7388
- #10095
- #11717
- #12760

#6 - 01/31/2017 04:14 AM - Nondv (Dmitry Non)
Matthew Kerwin wrote:

- #6721
- #6684
Well, obviously I can't use searching:D
So, what about naming?

#12760 suggests yield_self name, but imho it's too long.
Check https://github.com/ruby/ruby/pull/1521 pls.

#7 - 01/31/2017 04:15 AM - nobu (Nobuyoshi Nakada)
- Is duplicate of Feature #10095: Object#as added

#8 - 01/31/2017 04:16 AM - nobu (Nobuyoshi Nakada)
- Is duplicate of Feature #11717: Object#trap -- pass object to block and return result added

#9 - 01/31/2017 04:16 AM - nobu (Nobuyoshi Nakada)
- Is duplicate of Feature #12760: Optional block argument for `itself` added

#10 - 01/31/2017 04:21 AM - Nondv (Dmitry Non)
- Description updated

#11 - 01/31/2017 04:53 AM - Nondv (Dmitry Non)
- Description updated

#12 - 01/31/2017 04:54 AM - Nondv (Dmitry Non)
- Description updated

#13 - 01/31/2017 05:02 AM - Nondv (Dmitry Non)
- Description updated

#14 - 02/17/2017 11:56 AM - Nondv (Dmitry Non)
- File method_pass.patch added

.patch file

#15 - 04/17/2017 06:47 AM - matz (Yukihiro Matsumoto)
I don't think "pass" is a good name for it.
Matz.

#16 - 05/01/2017 07:50 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset trunk|r58528.

object.c: Kernel#yield_self
- object.c (rb_obj_yield_self): new method which yields the receiver and returns the result. [ruby-core:46320] [Feature #6721]

Files
method_pass.patch 904 Bytes 02/17/2017 Nondv (Dmitry Non)