I would like `NoMethodError` to have `receiver` method:

```ruby
receiver = "receiver"
exception = receiver.doesnt.exist rescue $!
exception.receiver == receiver #=> true
```

This helps `did_you_mean` gem implement its features without having native C exceptions, and also makes it easier to add "did you mean?" feature to `irb`. Let mw know what you think. Thanks!

---

**Associated revisions**

Revision 51de63df - 06/18/2015 04:32 AM - nobu (Nobuyoshi Nakada)
error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@50945 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50945 - 06/18/2015 04:32 AM - nobu (Nobuyoshi Nakada)
error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]

Revision 50945 - 06/18/2015 04:32 AM - nobu (Nobuyoshi Nakada)
error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]

Revision 50945 - 06/18/2015 04:32 AM - nobu (Nobuyoshi Nakada)
error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]

Revision 50945 - 06/18/2015 04:32 AM - nobu (Nobuyoshi Nakada)
error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]

Revision 50945 - 06/18/2015 04:32 AM - nobu (Nobuyoshi Nakada)
error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]

Revision fac04ba9 - 06/18/2015 04:50 AM - nobu (Nobuyoshi Nakada)
NEWS: NameError#receiver [Feature #10881]

[ci skip]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@50946 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50946 - 06/18/2015 04:50 AM - nobu (Nobuyoshi Nakada)
NEWS: NameError#receiver [Feature #10881]
[ci skip]
Revision 50946 - 06/18/2015 04:50 AM - nobu (Nobuyoshi Nakada)
NEWS: NameError#receiver [Feature #10881]
[ci skip]
Revision 50946 - 06/18/2015 04:50 AM - nobu (Nobuyoshi Nakada)
NEWS: NameError#receiver [Feature #10881]
[ci skip]
Revision 50946 - 06/18/2015 04:50 AM - nobu (Nobuyoshi Nakada)
NEWS: NameError#receiver [Feature #10881]
[ci skip]
Revision 50946 - 06/18/2015 04:50 AM - nobu (Nobuyoshi Nakada)
NEWS: NameError#receiver [Feature #10881]
[ci skip]
Revision c23a7b0d - 06/23/2015 05:32 AM - nobu (Nobuyoshi Nakada)
error.c: ArgumentError if no receiver

- error.c (name_err_receiver): raise ArgumentError if no receiver is available on this exception object. [Feature #10881]

Revision 51002 - 06/23/2015 05:32 AM - nobu (Nobuyoshi Nakada)
error.c: ArgumentError if no receiver

- error.c (name_err_receiver): raise ArgumentError if no receiver is available on this exception object. [Feature #10881]

Revision 51002 - 06/23/2015 05:32 AM - nobu (Nobuyoshi Nakada)
error.c: ArgumentError if no receiver

- error.c (name_err_receiver): raise ArgumentError if no receiver is available on this exception object. [Feature #10881]

Revision 51002 - 06/23/2015 05:32 AM - nobu (Nobuyoshi Nakada)
error.c: ArgumentError if no receiver

- error.c (name_err_receiver): raise ArgumentError if no receiver is available on this exception object. [Feature #10881]

Revision 51002 - 06/23/2015 05:32 AM - nobu (Nobuyoshi Nakada)
error.c: ArgumentError if no receiver

- error.c (name_err_receiver): raise ArgumentError if no receiver is available on this exception object. [Feature #10881]

Revision 7a929727 - 10/28/2015 06:23 AM - nobu (Nobuyoshi Nakada)
error.c: rb_name_err_new

- error.c (rb_name_err_new): new function to create NameError exception instance. [Feature #10881]

Revision 52320 - 10/28/2015 06:23 AM - nobu (Nobuyoshi Nakada)
error.c: rb_name_err_new

- error.c (rb_name_err_new): new function to create NameError exception instance. [Feature #10881]

Revision 52320 - 10/28/2015 06:23 AM - nobu (Nobuyoshi Nakada)
error.c: rb_name_err_new

- error.c (rb_name_err_new): new function to create NameError exception instance. [Feature #10881]

Revision 52320 - 10/28/2015 06:23 AM - nobu (Nobuyoshi Nakada)
error.c: rb_name_err_new

- error.c (rb_name_err_new): new function to create NameError exception instance. [Feature #10881]

Revision 52320 - 10/28/2015 06:23 AM - nobu (Nobuyoshi Nakada)
error.c: rb_name_err_new

- error.c (rb_name_err_new): new function to create NameError exception instance. [Feature #10881]

Revision 72ff61f4 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
- object.c (check_setter_id): use rb_check_id to convert names.
- variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant. [Feature #10881]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@52321 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 52321 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
- object.c (check_setter_id): use rb_check_id to convert names.
- variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant. [Feature #10881]

Revision 52321 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
- object.c (check_setter_id): use rb_check_id to convert names.
- variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant. [Feature #10881]

Revision 52321 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
- object.c (check_setter_id): use rb_check_id to convert names.
- variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant. [Feature #10881]

Revision 52321 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
- object.c (check_setter_id): use rb_check_id to convert names.
- variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant. [Feature #10881]

Revision 52321 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
- object.c (check_setter_id): use rb_check_id to convert names.
- variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant. [Feature #10881]

Revision 52321 - 10/28/2015 06:24 AM - nobu (Nobuyoshi Nakada)
NameError#receiver of uninitialized constant

- error.c (name_err_msg_to_str): quote the name if unprintable.
object.c (check_setter_id): use rb_check_id to convert names.
variable.c (uninitialized_constant): use NameError::message to keep the receiver of uninitialized constant.  [Feature #10881]

Revision a4f838c7 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision 52322 - 10/28/2015 06:36 AM - nobu (Nobuyoshi Nakada)
error.c: receiver in NameError
  • error.c (rb_name_err_new): store the receiver directly.
  • error.c (name_err_receiver): return directly stored receiver. [Feature #10881]

Revision a2369fc2 - 10/28/2015 07:56 AM - nobu (Nobuyoshi Nakada)
encoding for inspect
  • test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]

Revision 52323 - 10/28/2015 07:56 AM - nobu (Nobuyoshi Nakada)
encoding for inspect
  • test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]

Revision 52323 - 10/28/2015 07:56 AM - nobu (Nobuyoshi Nakada)
encoding for inspect
  • test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]

Revision 52323 - 10/28/2015 07:56 AM - nobu (Nobuyoshi Nakada)
encoding for inspect
  • test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]

Revision 52323 - 10/28/2015 07:56 AM - nobu (Nobuyoshi Nakada)
encoding for inspect
  • test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]
encoding for inspect

- test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]

Revision 52323 - 10/28/2015 07:56 AM - nobu (Nobuyoshi Nakada)
encoding for inspect

- test/ruby/test_{exception,module,object}.rb: inspect result depend on the default external encoding. [Feature #10881]

History

#1 - 06/17/2015 02:04 PM - matz (Yukihiro Matsumoto)
Looks OK for me. I am interested in how JRuby/Rubinius guys feel about the proposal.

Matz.

#2 - 06/17/2015 11:41 PM - yuki24 (Yuki Nishijima)
Thanks Matsumoto-san.

I realized that the last line in the example above is wrong, it has to use #equal? instead of #==:

```ruby
exception.receiver.equal?(receiver) #=> true
```

#3 - 06/18/2015 04:33 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset r50945.

error.c: NameError#receiver

- error.c (name_err_receiver): add NameError#receiver method. [Feature #10881]