Ruby master - Feature #2018

[irb] BasicObject.new doesn't have an inspect

08/31/2009 02:43 AM - DanielBovensiepen (Daniel Bovensiepen)

Status:	Closed
Priority:	Normal
Assignee:	keiju (Keiju Ishitsuka)
Target version:	2.0.0

Description

=begin
Using BasicObject.new in irb:

```
daniel@boviAir# ruby19 --version
ruby 1.9.2dev (2009-08-30 trunk 24718) [i386-darwin9.8.0]
daniel@boviAir# irb19 --version
irb 0.9.6(09/06/30)
daniel@boviAir# irb19
irb(main):001:0> BasicObject.new
```

Produce an Exception due to the fact that inspect doesn't exist in the BasicObject:

NoMethodError: undefined method inspect' for #<BasicObject:0x4b2738>
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/inspector.rb:84:inblock in module:IRB'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/inspector.rb:30:in call'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/inspector.rb:30:ininspect_value'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/context.rb:259:in inspect_last_value'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:309:inoutput_value'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:158:in block (2 levels) in eval_input'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:271:insignal_status'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:154:in block in eval_input'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/ruby-lex.rb:244:inblock (2 levels) in each_top_level_statement'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/ruby-lex.rb:230:in loop'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/ruby-lex.rb:230:inblock in each_top_level_statement'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/ruby-lex.rb:229:in catch'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb/ruby-lex.rb:229:ineach_top_level_statement'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:153:in eval_input'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:70:inblock in start'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:69:in catch'
from /Users/danielbovensiepen/Programs/ruby19/lib/ruby/1.9.1/irb.rb:69:instart'
from /Users/danielbovensiepen/Programs/ruby19/bin/irb19:12:in `'Maybe IRB bug!!

In the attachment is a patch for catching this exception.
=end

History

#1 - 08/31/2009 02:49 AM - dblack (David Black)

=begin
Hi --

On Mon, 31 Aug 2009, Daniel Bovensiepen wrote:

> Bug #2018: [irb] BasicObject.new doesn't have an inspect
> http://redmine.ruby-lang.org/issues/show/2018

Why is that a bug?

David

--
David A. Black / Ruby Power and Light, LLC / http://www.rubypal.com
Ruby/Rails training, mentoring, consulting, code-review
Latest book: The Well-Grounded Rubyist (http://www.manning.com/black2)

September Ruby training in NJ has been POSTPONED. Details to follow.

=end

#2 - 08/31/2009 02:51 AM - hongli (Hongli Lai)

=begin
I thought the whole point of BasicObject is that it doesn't have any methods.
=end

#3 - 08/31/2009 07:36 AM - matz (Yukihiro Matsumoto)

=begin
Hi,

In message "Re: [ruby-core:25201] Re: [Bug #2018] [irb] BasicObject.new doesn't have an inspect"
on Mon, 31 Aug 2009 02:49:19 +0900, "David A. Black" dblack@rubypal.com writes:

|> Bug #2018: [irb] BasicObject.new doesn't have an inspect
|> http://redmine.ruby-lang.org/issues/show/2018
|
|Why is that a bug?

I think it's not the point. BasicObject has no method (with a few
exception) by its definition. But irb should handle objects without
inspect defined.

                                    matz.

=end

#4 - 08/31/2009 07:40 AM - dblack (David Black)

=begin
On Mon, 31 Aug 2009, Yukihiro Matsumoto wrote:

> Hi,
>
> In message "Re: [ruby-core:25201] Re: [Bug #2018] [irb] BasicObject.new doesn't have an inspect"
> on Mon, 31 Aug 2009 02:49:19 +0900, "David A. Black" dblack@rubypal.com writes:
>
> |> Bug #2018: [irb] BasicObject.new doesn't have an inspect
> |> http://redmine.ruby-lang.org/issues/show/2018
> |
> |Why is that a bug?
>
> I think it's not the point. BasicObject has no method (with a few
> exception) by its definition. But irb should handle objects without
> inspect defined.

Ah, OK -- I didn't catch onto that.

Actually I really like doing:

```
>> b = BasicObject.new
```

in irb when I'm teaching 1.9 -- very dramatic way to demonstrate the
basicness of BasicObject :-) But I can understand that it should
probably be handled more gracefully.

David

--
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=end

#5 - 09/07/2009 11:35 AM - yugui (Yuki Sonoda)

- Assignee set to keiju (Keiju Ishitsuka)

- Target version set to 2.0.0

=begin
It is not a bug. But I think enhancement for irb is possible.
What kind of handling do you want?
=end

#6 - 09/07/2009 12:37 PM - matz (Yukihiro Matsumoto)

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin
Applied in changeset r24779.
=end

Files

basicobject_irb.patch	685 Bytes	08/31/2009	DanielBovensiepen (Daniel Bovensiepen)