rb のトップレベルで定義したメソッドが public になる

2011年12月19日 11:37 AM - hibariya (hi hibariya)

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

ruby -v:
ruby 2.0.0dev (2011-12-15 trunk 34056)
[x86_64-darwin11.2.0]

Description
irb のトップレベルで定義したメソッドの呼び出し制限が private ではなく public になってしまいます。

```ruby
irb(main):001:0> def greeting
irb(main):002:1>   'hi'
irb(main):003:1> end
=> nil
irb(main):004:0> val = Object.new
=> #Object:0x007fe6ca05fd80
irb(main):005:0> val.greeting
=> "hi"
irb(main):006:0> val.private_methods.grep /greeting/
=> []
irb(main):007:0> val.public_methods.grep /greeting/
=> [:greeting]
```

public になるのは irb で実行したときのみです(ファイルに保存して ruby コマンドで実行した場合は private メソッドとして定義されます)。

Associated revisions

Revision 6dab48b2 - 12/25/2012 11:21 AM - keiju (Keiju Ishitsuka)


git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38597 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38597 - 12/25/2012 11:21 AM - keiju (Keiju Ishitsuka)


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History

#1 - 01/04/2012 12:12 AM - ayumin (Ayumu AIZAWA)
- Category set to lib
- Status changed from Open to Assigned
- Assignee set to keiju (Keiju Ishitsuka)
- Target version set to 2.0.0

1.9.3-p0でも再現することを確認しました。

#2 - 06/27/2012 08:06 AM - davidbalbert (David Albert)
- File 0001-make-top-level-methods-defined-in-IRB-private.patch added

I ran into this bug recently and I did a bit of investigating. This is due to a change introduced by #3406 (r29578) that made inner method definitions public regardless of the visibility of the method they were defined in.

I've attached a patch that calls private in the irb_binding method before returning the binding, which fixes the problem. I also verified that context mode 3 was the only mode affected by r29578 and that IRB works correctly when started via the command line and via IRB.start.

#3 - 12/25/2012 08:21 PM - keiju (Keiju Ishitsuka)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r38597.
hi, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.