

## Ruby master - Bug #5776

irb `private` `public`

12/19/2011 11:37 AM - hibariya (hi hibariya)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> keiju (Keiju Ishitsuka)	
<b>Target version:</b> 2.0.0	
<b>ruby -v:</b> ruby 2.0.0dev (2011-12-15 trunk 34056) [x86_64-darwin11.2.0]	<b>Backport:</b>

### Description

irb `private` `public`

```
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 `private` irb `private` `public` ruby `private` `public`

### Associated revisions

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

- lib/irb/workspace.rb: define method to private on top-level irb [Bug #5776]. Patch by davidbalbert.

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)

- lib/irb/workspace.rb: define method to private on top-level irb [Bug #5776]. Patch by davidbalbert.

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

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## History

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### #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

### #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.

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- lib/irb/workspace.rb: define method to private on top-level irb [Bug [#5776](#)]. Patch by davidbalbert.

## Files

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0001-make-top-level-methods-defined-in-IRB-private.patch	780 Bytes	06/27/2012	davidbalbert (David Albert)
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