

Ruby - Bug #13776

Refined methods ignore visibility of inherited methods

07/29/2017 09:19 AM - Mon_Ouie (Mon ouïe)

Status:	Closed	Backport: 2.2: REQUIRED, 2.3: DONE, 2.4: DONE
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.5.0dev (2017-07-28 trunk 59438) [x86_64-linux]	
Description This bug was pointed out by al2o3-cr on the #ruby IRC channel on freenode. The following code sleeps for 3 seconds, even though String#sleep is a private method. <pre>module Test refine String do def sleep; end end end puts "start" "".sleep 3 puts "end"</pre> This happens because vm_call_method_each_type, when running a method of type VM_METHOD_TYPE_REFINED, uses vm_call_zsuper to call inherited methods, which does not check the visibility of the method and directly executes it. I attached a patch which changes this code path and uses vm_call_method to trigger the code that honors method visibilities. I have not played extensively with this patch, but it at least does not seem to break any existing unit tests.		

Associated revisions

Revision 3449d4fa2d2ac0655eb55a770aa10fc829660760 - 07/29/2017 12:42 PM - nobu (Nobuyoshi Nakada)

visibility of inherited method

- vm_insnhelper.c (vm_call_method_each_type): honor the original visibility of inherited methods when a refinement is defined but not activated. [ruby-core:82209] [Bug #13776]

Author: Mon_Ouie (Mon ouïe) mon.ouie@gmail.com

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@59445 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 3449d4fa - 07/29/2017 12:42 PM - nobu (Nobuyoshi Nakada)

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Revision db22ab157503ac1417a3d63aaaf6bbe159decea7 - 12/24/2017 02:29 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 59444,59445: [Backport #13776]

```
adjust indent [ci skip]
```

```
* vm_insnhelper.c (vm_call_method_each_type): adjust indent of a
  block in switch.
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Author: Mon_Ouie (Mon ouie) <mon.ouie@gmail.com>

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@61436 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision db22ab15 - 12/24/2017 02:29 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 59444,59445: [Backport #13776]

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adjust indent [ci skip]
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Author: Mon_Ouie (Mon ouie) <mon.ouie@gmail.com>

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@61436 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 1aee5acdae7fa88e0241ed4c21ed88f775054cba - 01/31/2018 01:13 PM - U.Nakamura

merge revision(s) 59444,59445: [Backport #13776]

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Author: Mon_Ouie (Mon ouie) <mon.ouie@gmail.com>

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@62134 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 1aee5acd - 01/31/2018 01:13 PM - U.Nakamura

merge revision(s) 59444,59445: [Backport #13776]

```
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Author: Mon_Ouie (Mon ouie) <mon.ouie@gmail.com>

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@62134 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 07/29/2017 12:42 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset trunk|r59445.

visibility of inherited method

- `vm_insnhelper.c` (`vm_call_method_each_type`): honor the original visibility of inherited methods when a refinement is defined but not activated. [\[ruby-core:82209\]](#) [Bug [#13776](#)]

Author: Mon_Ouie (Mon ouïe) mon.ouie@gmail.com

#2 - 07/29/2017 12:46 PM - nobu (Nobuyoshi Nakada)

- Description updated

- Backport changed from 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN to 2.2: REQUIRED, 2.3: REQUIRED, 2.4: REQUIRED

#3 - 12/24/2017 02:29 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.2: REQUIRED, 2.3: REQUIRED, 2.4: REQUIRED to 2.2: REQUIRED, 2.3: REQUIRED, 2.4: DONE

ruby_2_4 r61436 merged revision(s) 59444,59445.

#4 - 01/31/2018 01:13 PM - usa (Usaku NAKAMURA)

- Backport changed from 2.2: REQUIRED, 2.3: REQUIRED, 2.4: DONE to 2.2: REQUIRED, 2.3: DONE, 2.4: DONE

ruby_2_3 r62134 merged revision(s) 59444,59445.

Files

refinement.patch	1.74 KB	07/29/2017	Mon_Ouie (Mon ouïe)
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