Backport200 - Backport #9030

Backport r43334 (fix for SEGV with Refinements)
10/17/2013 05:49 PM - shugo (Shugo Maeda)

Status: Closed
Priority: Normal
Assignee: nagachika (Tomoyuki Chikanaga)

Description
BEGIN
Please backport r43334 to avoid SEGV when an undefined method is refined but the refinement is not used. For example, the following program causes SEGV.

```ruby
class Foo
  def foo
  end

  undef foo
end

module FooExt
  refine Foo do
    def foo
    end
  end
end

begin
  Foo.new.foo # or Foo.new.send(:foo)
end

END
```

Associated revisions
Revision 57b26f83 - 10/17/2013 05:34 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 43334: [Backport #9030]

* `vm_insnhelper.c (vm_call_method)`: set ci->me to 0 when the original method of a refined method is undef to avoid SEGV.
* `vm_method.c (rb_method_entry_without_refinements)`: return 0 when the original method of a refined method is undef to avoid SEGV.
* `test/ruby/test_refinement.rb`: related test.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@43345 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 43345 - 10/17/2013 05:34 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 43334: [Backport #9030]

* `vm_insnhelper.c (vm_call_method)`: set ci->me to 0 when the original method of a refined method is undef to avoid SEGV.
* `vm_method.c (rb_method_entry_without_refinements)`: return 0 when the original method of a refined method is undef to avoid SEGV.
* `test/ruby/test_refinement.rb`: related test.

History
#1 - 10/18/2013 02:09 AM - nagachika (Tomoyuki Chikanaga)
- Status changed from Open to Assigned

#2 - 10/18/2013 02:34 AM - nagachika (Tomoyuki Chikanaga)
This issue was solved with changeset r43345.
Shugo, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 43334: [Backport #9030]

* vm_insnhelper.c (vm_call_method): set ci->me to 0 when the
  original method of a refined method is undef to avoid SEGV.

* vm_method.c (rb_method_entry_without_refinements): return 0 when
  the original method of a refined method is undef to avoid SEGV.

* test/ruby/test_refinement.rb: related test.