Ruby master - Bug #12938
forwardable.rb is no longer compatible with any alternative implementation

11/14/2016 09:31 PM - headius (Charles Nutter)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
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<tr>
<td>Target version:</td>
<td>master as of today</td>
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<tr>
<td>Backport:</td>
<td>2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN</td>
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Description
The following commits have made forwardable.rb unusable on any implementation except MRI, because they use YARV-specific RubyVM module and features. I believe all of these changes were done by nobu.

These introduce uses of RubyVM::InstructionSequence, which does not (and probably will not ever) exist on other Ruby implementations:

r53383: forwardable.rb: adjust backtrace by tail call
r55376: forwardable.rb: optimize awy send

This commit moves code around, so I wasn't sure if anything incompatible was introduced.

r55366: forwardable.rb: fix for non-module objects

The standard library of Ruby is shared by all Ruby implementations, and I believe every effort should be made to avoid using MRI-specific features. If such features must be used, there must always be a fallback path that works on all Rubies of a given compatibility level (2.4 in this case).

Associated revisions
Revision 2283d14c - 11/20/2016 02:12 AM - nobu (Nobuyoshi Nakada)

forwardable/impl.rb

- lib/forwardable/impl.rb (_valid_method?, _compile_method): extract to separate implementation specific part. [ruby-core:78138] [Bug #12938]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@56848 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 56848 - 11/20/2016 02:12 AM - nobu (Nobuyoshi Nakada)

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History
#1 - 11/19/2016 06:24 AM - headius (Charles Nutter)

This should be fixed before 2.4, so JRuby does not have to ship an old version of forwardable.rb.
#2 - 11/20/2016 02:12 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset r56848.

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#3 - 11/26/2016 06:16 AM - headius (Charles Nutter)

This is great, thanks nobu!