

Ruby trunk - Bug #11616

Forwardable fails to adjust backtrace when Forwardable is not reachable from the target class

10/23/2015 09:17 PM - wanabe (_ wanabe)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.3.0dev (2015-10-24 trunk 52254) [x86_64-darwin15]	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN

Description

as follows:

```
$ cat t.rb
require "forwardable"

class Foo < BasicObject
  extend ::Forwardable

  def_delegator :bar, :baz
end

Foo.new.baz

$ ruby t.rb
/Users/guest/.rbenv/versions/trunk/lib/ruby/2.3.0/forwardable.rb:185:in `rescue in baz': uninitialized constant Foo::Forwardable (NameError)
    from /Users/guest/.rbenv/versions/trunk/lib/ruby/2.3.0/forwardable.rb:182:in `baz'
    from t.rb:9:in `'
```

or define Forwardable in the target class:

```
$ cat t2.rb
require "forwardable"

class Foo
  extend Forwardable

  def_delegator :bar, :baz

  module Forwardable
    end
end

Foo.new.baz

$ ruby t2.rb
/Users/guest/.rbenv/versions/trunk/lib/ruby/2.3.0/forwardable.rb:185:in `rescue in baz': undefined method `debug' for Foo::Forwardable:Module (NoMethodError)
    from /Users/guest/.rbenv/versions/trunk/lib/ruby/2.3.0/forwardable.rb:182:in `baz'
    from t2.rb:12:in `'
```

expected result:

```
$ cat t3.rb
require "forwardable"

class Foo
  extend ::Forwardable

  def_delegator :bar, :baz
end
```

```
Foo.new.baz
```

```
$ ruby t3.rb
```

```
t3.rb:9:in `': undefined local variable or method `bar' for #<Foo:0x007fff0b8db3e8> (NameError)
```

Associated revisions

Revision 4e1ee809 - 10/23/2015 10:29 PM - nobu (Nobuyoshi Nakada)

forwardable.rb: full qualify names

- lib/forwardable.rb (def_instance_delegator, def_single_delegator): match backtraces against ::Forwardable in case the target class is a subclass of BasicObject and does not include Kernel. [ruby-core:71176] [Bug #11616]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@52259 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 10/23/2015 10:29 PM - nobu (Nobuyoshi Nakada)

I think that backtrace cleanup should be removed as well as delegate.rb, [Bug [#11461](#)].

#2 - 10/23/2015 10:29 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset r52259.

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