Ruby master - Bug #12164
Binding UnboundMethod to BasicObject
03/10/2016 11:22 AM - decuplet (Nikita Shilnikov)

Status: Closed
Priority: Normal
Assignee:
Target version:
ruby -v: ruby 2.3.0p0 (2015-12-25 revision 53290) [x86_64-darwin15]
Backport: 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN

Description
I tried to bind method from Object to BasicObject and I suddenly succeeded.
For example:

```ruby
$ irb
2.3.0 :001 > BasicObject.send :define_method, :methods, Object.instance_method(:methods)
  => :methods
2.3.0 :002 > BasicObject.new.methods
  => [[:!, :==, :!=, :__send__, :equal?, :methods, :instance_eval, :instance_exec, :__id__]]
```

In earlier ruby versions such code would raise an exception:

```ruby
$ irb
2.2.4 :001 > BasicObject.send :define_method, :methods, Object.instance_method(:methods)
TypeError: bind argument must be a subclass of Object
  from (irb):1:in `define_method'
  from (irb):1
  from /Users/gordon/.rvm/rubies/ruby-2.2.4/bin/irb:11:in `<main>'
```

Is it a bug or a feature?
Probably it is somehow related to https://bugs.ruby-lang.org/issues/11278

Related issues:
Related to Ruby master - Bug #11278: remove rb_control_frame_t::klass

History
#1 - 03/10/2016 01:16 PM - nobu (Nobuyoshi Nakada)
- Description updated
- Status changed from Open to Closed

Yes.

#2 - 03/10/2016 02:04 PM - decuplet (Nikita Shilnikov)

 Nobuyoshi Nakada wrote:

    Yes.

Thank you! Well... a feature?

#3 - 03/11/2016 12:42 AM - nobu (Nobuyoshi Nakada)

"Yes" was to

    Probably it is somehow related to https://bugs.ruby-lang.org/issues/11278

I guess it's a bug-fix, but maybe an improvement.
Subtle.
- Related to Bug #11278: remove rb_control_frame_t::klass added