

Ruby - Bug #12696

Defining anonymous classes via `Class.new {}` does not run `class\_eval` on the block

08/23/2016 08:18 PM - kklimuk (Kirill Klimuk)

Status:	Closed	Backport: 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN
Priority:	Normal	
Assignee:	zzak (zzak _)	
Target version:		
ruby -v:	current	
Description		
When defining anonymous classes, the documentation comment (https://github.com/ruby/ruby/blob/b9a82eaa13a5438318d78aee0afb907a1d143a51/object.c#L1754) explains that If a block is given, it is passed the class object, and the block is evaluated in the context of this class using <code>class_eval</code>. However, it seems that <code>class_eval</code> is never run. If it was, then both of the examples below would have the same printed output, but they do not. <pre>class Class alias_method :old_class_eval, :class_eval def class_eval(*args, &block) puts '1. foo' old_class_eval *args, &block puts '3. bar' end end # Example 1 some_class = Class.new do puts '2. baz' end # Example 2 other_class = Class.new other_class.class_eval { puts '2. baz' }</pre> I'm not sure if the documentation is misleading me or if i should be able to hook into <code>class_eval</code> but can't.		

Associated revisions

Revision 20e0f1e712f92f2c42b9a5780d8867dd15af843e - 08/24/2016 03:57 AM - nobu (Nobuyoshi Nakada)

object.c: fix {Module,Class}.new rdoc [ci skip]

- object.c (rb_mod_initialize, rb_class_initialize): [DOC] these methods do not invoke `module_eval/class_eval`, just eval the given block under the new module/class but sharing the context with the surrounding scope like those methods.
[ruby-core:77023] [Bug #12696]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@55994 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 20e0f1e7 - 08/24/2016 03:57 AM - nobu (Nobuyoshi Nakada)

object.c: fix {Module,Class}.new rdoc [ci skip]

- object.c (rb_mod_initialize, rb_class_initialize): [DOC] these methods do not invoke `module_eval/class_eval`, just eval the given block under the new module/class but sharing the context with the surrounding scope like those methods.
[ruby-core:77023] [Bug #12696]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@55994 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 08/24/2016 03:58 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset r55994.

object.c: fix {Module,Class}.new rdoc [ci skip]

- object.c (rb_mod_initialize, rb_class_initialize): [DOC] these methods do not invoke module_eval/class_eval, just eval the given block under the new module/class but sharing the context with the surrounding scope like those methods.
[\[ruby-core:77023\]](#) [Bug [#12696](#)]