

Ruby master - Bug #11884

Psych.load broken for OpenStruct in Ruby 2.3.0

12/27/2015 12:46 AM - kaikuchn (Kai Kuchenbecker)

Status:	Closed	
Priority:	Normal	
Assignee:	marcandre (Marc-Andre Lafortune)	
Target version:		
ruby -v:	ruby 2.3.0p0 (2015-12-25 revision 53290) [x86_64-darwin15]	Backport: 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: DONTNEED, 2.3: DONE
Description		
<p>Deserialising an OpenStruct through Psych::load results in a nil error since OpenStruct now has a respond_to_missing? method whose implementation references OpenStruct's @table instance variable.</p> <p>To reproduce this issue simply use Psych to dump an OpenStruct and then load it again via Psych::load. I attached an example script that does exactly this. I have also attached the error output I get when running this script.</p> <p>I'm not sure whether to assign marcandre or tenderlove... Please tell me if you need any further information.</p> <p>Best regards, Kai</p>		
Related issues:		
Related to Ruby master - Bug #13358: OpenStruct overriding allocate		Closed
Has duplicate Ruby master - Bug #11966: YAML#load fails with OpenStruct object		Closed
Has duplicate Ruby master - Bug #12140: Serialization of OpenStruct objects w...		Closed
Has duplicate Ruby master - Bug #12349: Can't load OpenStruct with Syck with ...		Closed

Associated revisions

Revision 15960b37 - 12/29/2015 03:48 AM - nobu (Nobuyoshi Nakada)

ostruct.rb: respond_to?

- lib/ostruct.rb (OpenStruct): make respond_to? working on just-allocated objects for workaround of Psych. [ruby-core:72501] [Bug #11884]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@53366 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 53366 - 12/29/2015 03:48 AM - nobu (Nobuyoshi Nakada)

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Revision 4c1ac0bc - 03/29/2016 08:54 AM - naruse (Yui NARUSE)

merge revision(s) 53366:[Backport #11884]

```
* lib/ostruct.rb (OpenStruct): make respond_to? working on
just-allocated objects for workaround of Psych.
[ruby-core:72501] [Bug #11884]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@54387 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54387 - 03/29/2016 08:54 AM - naruse (Yui NARUSE)

merge revision(s) 53366:[Backport #11884]

```
* lib/ostruct.rb (OpenStruct): make respond_to? working on
just-allocated objects for workaround of Psych.
[ruby-core:72501] [Bug #11884]
```

History

#1 - 12/28/2015 01:38 AM - kaikuchn (Kai Kuchenbecker)

- Description updated

#2 - 12/29/2015 03:48 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset r53366.

ostruct.rb: respond_to?

- lib/ostruct.rb (OpenStruct): make respond_to? working on just-allocated objects for workaround of Psych. [ruby-core:72501] [Bug [#11884](#)]

#3 - 12/30/2015 01:00 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN to 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: DONTNEED, 2.3: REQUIRED

#4 - 01/07/2016 08:47 PM - marcandre (Marc-Andre Lafortune)

- Has duplicate Bug #11966: YAML#load fails with OpenStruct object added

#5 - 03/03/2016 05:47 PM - marcandre (Marc-Andre Lafortune)

- Has duplicate Bug #12140: Serialization of OpenStruct objects with YAML fails added

#6 - 03/29/2016 08:55 AM - naruse (Yui NARUSE)

- Backport changed from 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: DONTNEED, 2.3: REQUIRED to 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: DONTNEED, 2.3: DONE

ruby_2_3 r54387 merged revision(s) 53366.

#7 - 04/26/2016 05:57 PM - PSchambacher (Pierre Schambacher)

- File syck_error.log added

- File syck_error.rb added

I'm sorry to re-open this but I'm getting a similar error with Syck and Ruby 2.3.1 just released
I attached a repro script and the log that I get when running it. Like psych, the @table instance variable of the OpenStruct isn't initialized when respond_to_missing? gets called.

#8 - 05/29/2016 01:36 PM - marcandre (Marc-Andre Lafortune)

- Has duplicate Bug #12349: Can't load OpenStruct with Syck with Ruby 2.3.x added

#9 - 03/24/2017 12:11 PM - nobu (Nobuyoshi Nakada)

- Related to Bug #13358: OpenStruct overriding allocate added

Files

psych_error.rb	99 Bytes	12/27/2015	kaikuchn (Kai Kuchenbecker)
psych_error.log	1.54 KB	12/27/2015	kaikuchn (Kai Kuchenbecker)
syck_error.rb	101 Bytes	04/26/2016	PSchambacher (Pierre Schambacher)

