

Ruby - Bug #16522

Ruby 2.7 logs deprecation warning when `Warning[:deprecated]` is set to false.

01/22/2020 10:31 AM - snehasomwanshi@gmail.com (Sneha Somwanshi)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	2.7	Backport: 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONTNEED
Description		
Hi		
While upgrading our monolithic app to ruby 2.7, we realised that ruby 2.7 is not suppressing all deprecation warnings.		
Here is the test case:		
<pre>~/dev/freeagent (ruby_2_7_0 *) \$ ruby -W:no-deprecated -e 'require "json"; JSON::Ext::Parser.new("hello", {})' -e:1: warning: Using the last argument as keyword parameters is deprecated</pre>		
The warning is originating from https://github.com/ruby/ruby/blob/647ee6f091eafcce70ffb75ddf7e121e192ab217/class.c#L2054 and setting <code>Warning[:deprecated] = false</code> or <code>RUBYOPT=-W:no-deprecated -W:no-experimental</code> does not suppress this warning.		

History

#1 - 01/23/2020 12:38 PM - snehasomwanshi@gmail.com (Sneha Somwanshi)

- Description updated

#2 - 01/23/2020 05:17 PM - jeremyevans0 (Jeremy Evans)

This no longer applies to the master branch, as the warnings have been removed.

Fixing this in 2.7 could be challenging, as the function to deduplicate warnings is static in `vm_args.c`. That function would have to be made non-static at least. The function also requires access to `ec` and `iseq`, and while I think `ec` is possible to get access to, I'm not sure about `iseq`.

You can work around the issue using the warning gem and using `Warning.dedup`.

#3 - 05/29/2020 04:57 PM - jeremyevans0 (Jeremy Evans)

- File `scan-args-deprecated-warn-16522.patch` added

- Status changed from Open to Closed

- Backport changed from 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED

I took another look at this and I think we can silence the deprecation warnings with `-W:no-deprecated` even if we can't deduplicate the warnings. Attached is a patch that implements this. I'm not sure if the approach in `ruby.h` is acceptable (`rb_scan_args` has both an unoptimized version in `class.c` and an optimized version in `ruby.h`).

#4 - 07/26/2020 09:11 AM - nagachika (Tomoyuki Chikanaga)

We are discussing on the deprecated warning category feature in 2.7.2 on [#17000](#) too.

As these are keyword arguments warnings, these will be suppressed by default in 2.7.2 anyway.

#5 - 12/31/2020 06:36 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONTNEED

Files

<code>scan-args-deprecated-warn-16522.patch</code>	6.79 KB	05/29/2020	jeremyevans0 (Jeremy Evans)
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