Marshal.dump corrupts Hash data when serializing

02/01/2013 12:57 PM - zapotek (Tasos Laskos)

Status: Closed
Priority: Normal
Assignee:
Target version: 2.0
ruby -v: ruby 2.0.0dev (2012-11-01 trunk 37411) [x86_64-linux]

Description

Marshal.dump seems to corrupt a Hash object during serialization. The problem is that this does not happen when the affected Hash is serialized by itself but only (as far as I could see) when it's part of a larger object.

Worked on: ruby 1.9.3p374 (2013-01-15 revision 38858) [x86_64-linux]

Unfortunately, it can't be reproduced using the attached serialized objects, it only happens when I run one of my system's tests.

I thought that I might be doing something wrong but it works fine on 1.9.3 and also works on 2.0 when I change the serializer to YAML.

Proper object -- YAML

```
{  
  "requests" => 2830, 
  "responses" => 2830,  
  "time_out_count" => 0, 
  "time" => "00:00:17", 
  "avg" => 158,  
  "sitemap_size" => 776,  
  "auditmap_size" => 651,  
  "progress" => 100.0,  
  "curr_res_time" => 0, 
  "curr_res_cnt" => 0,  
  "curr_avg" => 0, 
  "average_res_time" => 0,  
  "max_concurrency" => 20, 
  "current_page" => "http://localhost:15407/vulnerable?0_vulnerable_26=stuff26", 
  "eta" => "--:--:--",  
  "url" => "localhost:57977",  
  "status" => "cleanup"  
}
```

Corrupted object - Marshal

```
{  
  "requests" => 2830, 
  6154.0 => "time_out_count", 
  "responses" => 0,  
  0.0 => "average_res_time", 
  "time" => 776, 
  "00:00:17" => 651,  
  "avg" => 100.0,  
  350.0 => 0, 
  "sitemap_size" => 0, 
  "auditmap_size" => 0, 
  1301.0 => 0,  
  "progress" => 20,  
  100.0 => "curr_res_time"  
}
```

I didn't go through the entire repro setup of my system because it's a bit of a hassle but if the info I included here isn't enough I'd be
History

#1 - 02/01/2013 09:07 PM - charliesome (Charlie Somerville)

=begin
Does it only corrupt the output, or does it break the actual Hash object passed to it?
=end

#2 - 02/02/2013 04:32 AM - zapotek (Tasos Laskos)

It only corrupted the output, although a few mins ago I realized I was on the preview and there was an RC1 out.
I just tested RC1 and the problem seems to have been fixed.

Do excuse me and please ignore this issue.

#3 - 02/02/2013 04:49 AM - vo.x (Vit Ondruch)

- Status changed from Open to Closed

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<tbody>
<tr>
<td>dump.marshal</td>
<td>567 KB</td>
<td>02/01/2013</td>
<td>zapotek (Tasos Laskos)</td>
</tr>
<tr>
<td>dump.yaml</td>
<td>947 KB</td>
<td>02/01/2013</td>
<td>zapotek (Tasos Laskos)</td>
</tr>
<tr>
<td>marshal_bug.rb</td>
<td>679 Bytes</td>
<td>02/01/2013</td>
<td>zapotek (Tasos Laskos)</td>
</tr>
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