Ruby master - Bug #4991

Add a method to retrieve raw data from GC::Profiler

07/08/2011 09:34 AM - drbrain (Eric Hodel)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>ko1 (Koichi Sasada)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>-</td>
</tr>
<tr>
<td>Backport:</td>
<td></td>
</tr>
</tbody>
</table>

**Description**

GC::Profiler.result gives a String report but there is no access to the raw profile data. There is no way to extract data for automatic comparison without parsing the output String.

The attached patch adds GC::Profile.data which exposes gc_profile_record_get.

This allows tools that can automatically compare profile runs to be written without parsing.

**Related issues:**
- Has duplicate: Ruby master - Bug #5292: Access to GC::Profiler Records - Closed - 09/07/2011

**Associated revisions**

- Revision 599071b7 - 09/08/2011 03:57 AM - nari
  - gc.c (Init_GC): defined GC::Profiler.raw_data. based on the patch by Eric Hodel. [ruby-core:37857] [Bug #4991]
  - git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@33224 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

- Revision 33224 - 09/08/2011 03:57 AM - nari
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**History**

- Category set to core
- Status changed from Open to Assigned
- Assignee set to ko1 (Koichi Sasada)
- Target version set to 2.0.0

08/07/2021
Hi.

In fact, I proposed GC::Profiler.data at 2008/7/26 on ruby-core ML. But it's rejected, because matz said "more appropriate name" to me.

Ok, some other ideas then:
records
stats
runs
results (although there is result already)
log
history
raw_data
raw

Any sound good?

Ok, some other ideas then:
records
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runs
results (although there is result already)
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Any sound good?

Thanks!!
I like GC::Profiler.raw_data.
Matz, What do you think?

raw_data is acceptable. Go ahead.

I like GC::Profiler.raw_data.
| Matz, What do you think?

This issue was solved with changeset r33224.
Eric, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.
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Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<tbody>
<tr>
<td>gc.c.profiler_data.patch</td>
<td>1.6 KB</td>
<td>07/08/2011</td>
<td>drbrain (Eric Hodel)</td>
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