Ruby master - Bug #9430

[PATCH] benchmark/driver: avoid large alloc in driver process

01/19/2014 10:41 AM - normalperson (Eric Wong)

<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>nobu (Nobuyoshi Nakada)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.2.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>trunk</td>
</tr>
<tr>
<td>Backport:</td>
<td>1.9.3: DONE, 2.0.0: DONE, 2.1: DONE</td>
</tr>
</tbody>
</table>

Description

Using backtick to capture output on bm_so_reverse_complement leads to unpredictable results because the Ruby process capturing needs to slurp the 25M output of that benchmark, meaning the GC run of the driver process ends up bottlenecking the processes being benchmarked.

Instead, just redirect to File::NULL which is /dev/null on Unix-like systems.

The following changes since commit 41bdefd56f628781a19f5d5d6a9a05cb4f3e9e:
tracepoint.c: disable tracepoint (2014-01-19 08:56:58 +0000)
are available in the git repository at:
git://80x24.org/ruby.git benchdriver-system
for you to fetch changes up to c4ac0560c88e45e026fdfaa313b6417458da53ce:
benchmark/driver: avoid large alloc in driver process (2014-01-19 10:34:47 +0000)

---

Eric Wong (1):
benchmark/driver: avoid large alloc in driver process

benchmark/driver.rb | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

Associated revisions

Revision 3d1108e4 - 01/30/2014 06:48 PM - normal
benchmark/driver: avoid large alloc in driver process

- benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@44772 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 44772 - 01/30/2014 06:48 PM - normal
benchmark/driver: avoid large alloc in driver process

- benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]

Revision 44772 - 01/30/2014 06:48 PM - normalperson (Eric Wong)
benchmark/driver: avoid large alloc in driver process

- benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]

Revision 44772 - 01/30/2014 06:48 PM - normal
benchmark/driver: avoid large alloc in driver process

03/10/2022
- benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]

Revision 44772 - 01/30/2014 06:48 PM - normal
benchmark/driver: avoid large alloc in driver process
  - benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]

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Revision 44772 - 01/30/2014 06:48 PM - normal
benchmark/driver: avoid large alloc in driver process
  - benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]

Revision 505d2d7f - 02/14/2014 06:22 AM - usa (Usaku NAKAMURA)
merge revision(s) 44772,44773: [Backport #9430]
  - benchmark/driver: avoid large alloc in driver process
  - benchmark/driver: avoid large alloc in driver process
  [ruby-core:59869] [Bug #9430]
  - benchmark/driver: avoid large alloc in driver process
  [ruby-core:59869] [Bug #9430]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@44942 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 89424b13 - 02/16/2014 04:10 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 44772: [Backport #9430]
  - benchmark/driver: avoid large alloc in driver process
  - benchmark/driver: avoid large alloc in driver process
  [ruby-core:59869] [Bug #9430]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@45007 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision cea7808b - 02/22/2014 07:22 AM - naruse (Yui NARUSE)
merge revision(s) 44772: [Backport #9430]
  - benchmark/driver: avoid large alloc in driver process
  - benchmark/driver: avoid large alloc in driver process
  [ruby-core:59869] [Bug #9430]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@45121 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 01/28/2014 07:51 PM - normalperson (Eric Wong)
Btw, I'll commit soon unless there's objections, this is pretty trivial:
  - benchmark/driver: avoid large alloc in driver process
  [ruby-core:59869] [Bug #9430]

#2 - 01/30/2014 12:23 PM - ko1 (Koichi Sasada)
Sure.

#3 - 01/30/2014 06:48 PM - Anonymous
  - Status changed from Open to Closed
  - % Done changed from 0 to 100
Applied in changeset r44772.

benchmark/driver: avoid large alloc in driver process

- benchmark/driver: avoid large alloc in driver process [ruby-core:59869] [Bug #9430]

#4 - 01/30/2014 06:51 PM - normalperson (Eric Wong)
r44772

#5 - 02/05/2014 02:48 AM - usa (Usaku NAKAMURA)
- Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN to 1.9.3: REQUIRED, 2.0.0: REQUIRED, 2.1: REQUIRED

#6 - 02/14/2014 06:22 AM - usa (Usaku NAKAMURA)
- Backport changed from 1.9.3: REQUIRED, 2.0.0: REQUIRED, 2.1: REQUIRED to 1.9.3: DONE, 2.0.0: REQUIRED, 2.1: REQUIRED

backported into ruby_1_9_3 at r44942.

#7 - 02/16/2014 04:11 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 1.9.3: DONE, 2.0.0: REQUIRED, 2.1: REQUIRED to 1.9.3: DONE, 2.0.0: DONE, 2.1: REQUIRED

r44772 was backported to ruby_2_0_0 at r45007.

#8 - 02/22/2014 07:24 AM - naruse (Yui NARUSE)
- Backport changed from 1.9.3: DONE, 2.0.0: DONE, 2.1: REQUIRED to 1.9.3: DONE, 2.0.0: DONE, 2.1: DONE

r45121

Files

<table>
<thead>
<tr>
<th>Files</th>
<th>Size</th>
<th>Date</th>
<th>Author (Eric Wong)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-benchmark-driver-avoid-large-alloc-in-driver-process.patch</td>
<td>1002 Bytes</td>
<td>01/19/2014</td>
<td>normalperson (Eric Wong)</td>
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