Ruby master - Bug #7370

Some benchmarks are slow

11/16/2012 04:51 PM - authorNari (Narihiro Nakamura)

Status: Closed  
Priority: Normal  
Assignee: tenderlovemaking (Aaron Patterson)  
Target version: 2.0.0  
ruby -v: ruby 2.0.0dev (2012-11-12 trunk 37629)  
[i686-linux]

Description

Hi.

Some benchmarks are slow since r37631. I guess DTrace's proves affect CRuby's performance. Is it possible to fix?

app_answer:
r37629 0.153(sec)
r37631 0.196

app_fib:
r37629 1.497
r37631 2.005

app_tak:
r37629 2.048
r37631 2.984

app_tarai:
r37629 1.713
r37631 2.42

app_raise:
r37629 0.792
r37631 0.85

so_ackermann:
r37629 1.809
r37631 2.529

Please see also this site: http://www.narihiro.info/crubybenci/

Thanks.

Associated revisions

Revision 4ba69ae41 - 11/22/2012 06:28 AM - naruse (Yui NARUSE)

- vm_insnhelper.h: partly revert r37631 (DTrace support). "vm usage information is always collected, so uncomment the functions." causes performance impact. [Bug #7370] Off course this revert disables related probes.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37796 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37796 - 11/22/2012 06:28 AM - naruse (Yui NARUSE)

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Revision 4d7e8b73 - 11/22/2012 08:01 AM - kosaki (Motohiro KOSAKI)

- Makefile.in: run preprocessor when making probe.h
- probes.d: define probe insn and insn_operand only when VM_COLLECT_USAGE_DETAILS is 1. [Bug #7370]

Revision 37798 - 11/22/2012 08:01 AM - kosaki (Motohiro KOSAKI)

- Makefile.in: run preprocessor when making probe.h
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Revision 86541e02 - 11/22/2012 08:41 AM - kosaki (Motohiro KOSAKI)

- tool/gen_dummy_probes.rb: don't change #include, #if and #endif lines. [Bug #7370]
Revision 37799 - 11/22/2012 08:41 AM - kosaki (Motohiro KOSAKI)

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History

#1 - 11/16/2012 05:45 PM - authorNari (Narihiro Nakamura)
- Assignee changed from ko1 (Koichi Sasada) to tenderlovemaking (Aaron Patterson)

Aaron-san, Could you check it?

Thanks.

#2 - 11/16/2012 05:59 PM - ko1 (Koichi Sasada)
(2012/11/16 16:51), authorNari (Narihiro Nakamura) wrote:

Some benchmarks are slow since r37631.
I guess DTrace's proves affect CRuby's performance.
Is it possible to fix?

He missed to argue about the important thing:

His measurement environment is Linux and DTrace should be inactive!!

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// SASADA Koichi at atdot dot net

#3 - 11/22/2012 03:28 PM - naruse (Yui NARUSE)
- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r37796.
Narihiro, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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• vm_insnhelper.h: partly revert r37631 (DTrace support). "vm usage information is always collected, so uncomment the functions." causes performance impact. [Bug #7370] Off course this revert disables related probes.
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#4 - 11/22/2012 03:38 PM - naruse (Yui NARUSE)
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