

Ruby master - Bug #7370

Some benchmarks are slow

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

Status: Closed	
Priority: Normal	
Assignee: tenderlovmaking (Aaron Patterson)	
Target version: 2.0.0	
ruby -v: ruby 2.0.0dev (2012-11-12 trunk 37629) [i686-linux]	Backport:
Description	
Hi.	
Some benchmarks are slow since r37631. I guess DTrace's probes 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/crubybenchi/	
Thanks.	

Associated revisions

Revision 4ba69a41 - 11/22/2012 06:28 AM - naruse (Yui NARUSE)

- vm_inshelper.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]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37798 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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

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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 tenderlovmaking (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 probes 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!!

--

// 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.

-
- 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.

#4 - 11/22/2012 03:38 PM - naruse (Yui NARUSE)

- Status changed from Closed to Assigned

#5 - 11/22/2012 05:01 PM - kosaki (Motohiro KOSAKI)

- Status changed from Assigned to Closed

This issue was solved with changeset r37798.
Narihiro, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- 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](#)]