

Ruby - Bug #1775

autoconf failing on cygwin

07/14/2009 03:47 PM - duerst (Martin Dürst)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	ruby 1.8.7 (2008-08-11 patchlevel 72) [i386-cygwin]	
Description =begin On a pristine anonymous svn checkout of trunk head, I'm not able to run autoconf successfully. The error message I'm getting is as follows: /usr/bin/m4:configure.in:YYY: cannot create temporary file for diversion: Permission denied autom4te-2.63: /usr/bin/m4 failed with exit status: 1 In the above, YYY is changing every time I run autoconf. Numbers I get, among others: 968, 957, 970, 959, 932, 1153, 941, 1106, 1212, 1197, 932, 967, 957, 1056, 941, 959, 959, 960, 931, 959, 957, 931, 933, 1282, 959, 1153, 957, 960, 973, 957, 1153,... I'm not an expert in autoconf or m4, and I don't see any commonalities in the lines listed above in configure.in. Occasionally (maybe once in 10 times), I get an additional message (the last 6 letters of the directory name being different every time): /usr/bin/m4: cannot remove temporary directory /tmp/m4-jZWJbn: Directory not empty But a simple 'rmdir' for that directory from a cygwin console removes that directory. This is on cygwin on Windows Vista, on a dual core machine. I first was assuming a permission problem, but that would not show up with such a random pattern, and it seems all the relevant permissions are okay. Now I'm suspecting a racing condition between the two cores, but that's just a wild guess. Any advice/help very much appreciated. Regards, Martin. =end		

History

#1 - 07/15/2009 01:14 PM - duerst (Martin Dürst)

=begin
On 2009/07/14 22:23, Roger Pack wrote:

On a pristine anonymous svn checkout of trunk head, I'm not able to run autoconf successfully. The error message I'm getting is as follows:
/usr/bin/m4:configure.in:YYY: cannot create temporary file for diversion: Permission denied
autom4te-2.63: /usr/bin/m4 failed with exit status: 1

Does trunk fail? Did the last released patch version fail?

Yes, the trunk fails. Currently ar revision 24115. Some other
linenumbers in configure.in that I got this morning: 1532, 2105 (never
got that high so far), 1010.

As for 'latest released patch', what exactly do you mean? Is there a
patch that isn't in trunk yet? If yes, where can I get it?

Regards, Martin.

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Martin J. Dürst, Professor, Aoyama Gakuin University
<http://www.sw.it.aoyama.ac.jp> <mailto:duerst@it.aoyama.ac.jp>

=end

#2 - 07/15/2009 02:50 PM - duerst (Martin Dürst)

=begin

On 2009/07/15 14:02, Roger Pack wrote:

As for 'latest released patch', what exactly do you mean? Is there a patch that isn't in trunk yet? If yes, where can I get it?

latest 187 patch number from [ftp://ftp.ruby-lang.org/pub/ruby/](http://ftp.ruby-lang.org/pub/ruby/)

Many thanks for your help! I downloaded and untared ruby-1.8.7-p174.tar.gz. I get exactly the same problem, /usr/bin/m4 complaining that it cannot create a temporary file when processing configure.in when running autoconf.

Some of the line numbers I get this time: 1832, 1832, 1793, 1832, 1735, 1372, 1372, 1806, 1832,...

That looks somewhat different than for trunk: the line numbers are higher, and less scattered. But the basics are the same.

Please note that I'm only interested in trunk, but I'm happy to experiment with other versions if there's any chance to get some insight into this problem that way.

Regards, Martin.

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#-# Martin J. Dürst, Professor, Aoyama Gakuin University

#-# <http://www.sw.it.aoyama.ac.jp> <mailto:duerst@it.aoyama.ac.jp>

=end

#3 - 07/15/2009 06:56 PM - neomjp (neomjp neomjp)

=begin

Hi,

Autoconf works fine for me here (cygwin-1.7 on XP). This error looks more like a problem about cygwin and your environment than about ruby. Several messages in cygwin lists suggest that this may be caused by some interference from some antivirus software.

<http://sourceware.org/ml/cygwin/2007-05/msg00679.html> (Eric Blake is the cygwin m4 maintainer)

<http://sourceware.org/ml/cygwin/2008-03/msg00577.html>

<http://sourceware.org/ml/cygwin-xfree/2008-12/msg00039.html>

Do you have installed any of the softwares listed in

<http://cygwin.com/faq/faq.using.html#faq.using.bloda>

=end

#4 - 07/16/2009 03:25 PM - yugui (Yuki Sonoda)

- Assignee set to nobu (Nobuyoshi Nakada)

=begin

=end

#5 - 07/16/2009 04:30 PM - duerst (Martin Dürst)

- Status changed from Open to Closed

=begin

Switching off on-access virus checks for disk writes (still keeping them for disk reads) with MacAfee solved this problem. Thanks everybody for their help, in particular neomjp neomjp.

=end