

Ruby trunk - Bug #7710

[mingw] r38839 breaks build

01/18/2013 04:01 AM - jonforums (Jon Forums)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:	2.0.0	
ruby -v:	ruby 2.0.0dev (2013-01-14 trunk 38808) [i386-mingw32]	Backport:

Description

On my Win7 32bit system using mingw-w64 gcc 4.7.2 and the RubyInstaller build recipes I get the following failure

```
make[2]: Entering directory /c/projects/rubyinstaller-git/sandbox/ruby19_build/ext/ripper'
extracting ripper.y from ../../../../../../Users/Jon/Documents/RubyDev/ruby-git/parse.y
id.h not found in
["../../../../../../../../Users/Jon/Documents/RubyDev/ruby-git/ext/ripper;../../../../../../../../Users/Jon/Documents/RubyDev/ruby-git/include/i386-mingw32/ruby;../../../../../../../../Users/Jon/Documents/RubyDev/ruby-git/include/ruby;../../../../../../../../Users/Jon/Documents/RubyDev/ruby-git"]
make[2]: *** [ripper.y] Error 1
make[2]: Leaving directory/c/projects/rubyinstaller-git/sandbox/ruby19_build/ext/ripper'
make[1]: *** [ext/ripper/all] Error 2
make[1]: Leaving directory `c/projects/rubyinstaller-git/sandbox/ruby19_build'
make: *** [build-ext] Error 2
```

due to id.h not being found.

The same failure is occurring on the RubyInstaller CI: <http://ci.rubyinstaller.org/job/ruby-trunk-x86-build/820/console>

While placing id.h in ext/ripper enabled a successful rebuild, havoc reigned during make test-all. Reverting [r38839](#) fixed the issue.

FWIW, in both the passing and failing cases my rbconfig.rb contains

```
CONFIG["PATH_SEPARATOR"] = ":"
```

I won't have time to play with configure.in to see if changing the separator to ";" on mingw will also fix the issue, but I'm sceptical given the test-all failures.

As previous *nix and win7 builds were fine, why was this change needed?

Associated revisions

Revision c6699319 - 01/20/2013 01:24 PM - nobu (Nobuyoshi Nakada)

vpath.rb: hack for msys make

- tool/vpath.rb (VPath#def_options): hack for msys make, which converts a command line argument to non-msys command seems like a path list automagically. [Bug #7710] [ruby-core:51489]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38886 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38886 - 01/20/2013 01:24 PM - nobu (Nobuyoshi Nakada)

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History

#1 - 01/18/2013 04:07 AM - luislavena (Luis Lavena)

- Status changed from Open to Assigned

#2 - 01/18/2013 04:14 AM - jonforums (Jon Forums)

I see test-all failures after reverting [r38839](#); trying a fresh build to see if it's a red-herring.

Luis or Hiroshi...can you repro?

#3 - 01/18/2013 05:27 AM - jonforums (Jon Forums)

With a fresh Win7 build, reverting [r38839](#) fixes the build, make test is OK, but make test-all stumbles over the cliff in

```
[ 7987/13078] TestProcess#test_too_long_path2
```

by exiting sh (msys) into cmd.exe. Oddly, typing exit from cmd.exe (eh??) returns you back to sh, gives the following failure

```
c:\projects\rubyinstaller-git\sandbox\ruby19_build>
c:\projects\rubyinstaller-git\sandbox\ruby19_build>exit
= 474.95 s
58) Failure:
test_too_long_path2(TestProcess) [c:/Users/Jon/Documents/RubyDev/ruby-git/test/ruby/test_process.rb:1393]:
[ruby-core:34833].
[Errno::ENOENT, Errno::E2BIG] expected but nothing was raised.
```

and continues running tests until finishing with

```
Finished tests in 1319.324032s, 9.9127 tests/s, 1591.9213 assertions/s.
13078 tests, 2100260 assertions, 2 failures, 2 errors, 96 skips
```

```
ruby -v: ruby 2.0.0dev (2013-01-17 trunk 38864) [i386-mingw32]
make: *** [yes-test-all] Error 4
sh-3.1$
```

Here's TestProcess#test_too_long_path2

```
def test_too_long_path2
  bug4315 = '[ruby-core:34833]'
  exs = [Errno::ENOENT]
  exs << Errno::E2BIG if defined?(Errno::E2BIG)
  assert_raise(*exs, bug4315) {Process.spawn("a"[*10_000_000])}
end
```

On Arch 3.6.11 with [r38839](#) reverted: build OK, make test OK, and make test-all completes with 4 (unrelated?) failures.

#4 - 01/19/2013 05:31 AM - luislavena (Luis Lavena)

- Priority changed from Normal to 7

Hello Nobu,

We didn't get a response about this from you.

Please let us know if you can solve this or that we should revert such change.

Thank you.

#5 - 01/20/2013 05:07 PM - shyouhei (Shyouhei Urabe)

- Priority changed from 7 to 5

Hi, I know it's important, but wanna decrease its priority because it seems build finishes.

#6 - 01/20/2013 08:28 PM - nobu (Nobuyoshi Nakada)

Now I suspect msys should be cross compiling.

#7 - 01/20/2013 10:24 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r38886](#).

Jon, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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#8 - 01/20/2013 11:40 PM - luislavena (Luis Lavena)

shyouhei (Shyouhei Urabe) wrote:

Hi, I know it's important, but wanna decrease its priority because it seems build finishes.

Urabe-san, the first build that passed was 30 minutes ago, it was broken for many builds:

<http://ci.rubyinstaller.org/view/All/builds>

#9 - 01/20/2013 11:41 PM - luislavena (Luis Lavena)

nobu (Nobuyoshi Nakada) wrote:

Now I suspect msys should be cross compiling.

I don't understand this but thank you for fixing it.

I assume this could affect cross-compilation of Ruby? I'll try and report back.

#10 - 01/21/2013 12:38 AM - nobu (Nobuyoshi Nakada)

I meant that we should use msys-native ruby as BASERUBY instead of built miniruby, but seems msys doesn't provide its native ruby.

#11 - 01/21/2013 02:01 AM - jonforums (Jon Forums)

Thank you nobu-san.

Win7 32bit

build: PASS

make test: PASS

make test-all: 2 FAILS, [#7276](#) and TestProcess#test_too_long_path2 (new issue) mentioned above

Arch 3.6.11 32bit

build, make test, make test-all: PASS

Ubuntu Server 12.10 64bit

build, make test, make test-all: PASS

I will create a new issue for `TestProcess#test_too_long_path2` later today. Odd that it's not also failing at ci.rubyinstaller.org

re: potentially using `msys-native ruby` as `BASERUBY` rather than `build miniruby`, this will not work well with the existing `rubyinstaller` build recipes because the `msys` environment is not usually persistent. Meaning, `msys+mingw` are typically extracted into a temp sandbox dir and only used for the build. The sandbox dir is usually deleted after each build. For example, when I build on Win7 32bit I create a 800MiB ramdisk (via `imdisk`) holding the temp sandbox build dir.