

Ruby - Bug #7541

Can't use Ruby 2.0.0 as as BASERUBY

12/11/2012 12:05 AM - vo.x (Vit Ondruch)

Status:	Closed	
Priority:	Normal	
Assignee:	drbrain (Eric Hodel)	
Target version:	2.6	
ruby -v:	ruby 2.0.0dev (2012-12-04 trunk 38184) [x86_64-linux]	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN
Description =begin I am trying to prepare source archive using tool/make-snapshot tmp With Ruby 2.0.0 rev38184 as as BASERUBY, however with no luck: snip ... extracting ripper.y from ../../parse.y ruby ../../tool/id2token.rb --vpath=../../ id.h ../../parse.y > ripper.tmp.y ruby ./tools/preproc.rb ripper.tmp.y --output=ripper.y rm -f ripper.tmp.y compiling compiler ripper.y bison -t -v -oy.tab.c ripper.y sed -f ../../tool/ytab.sed -e "/^#/s/y.tab.c!ripper.c!" y.tab.c > ripper.c generating eventids1.c from ../../parse.y ruby ./tools/generate.rb --mode=eventids1 --ids1src=../../parse.y --output=eventids1.c generating eventids2table.c from ./eventids2.c ruby ./tools/generate.rb --mode=eventids2table --ids2src=./eventids2.c --output=eventids2table.c make[1]: Leaving directory /tmp/ruby-snapshot20121210-11545-1p4tbw0/ruby-2.0.0-r38296/ext/ripper' generating miniprelude.c ruby -l. ./tool/compile_prelude.rb ./prelude.rb miniprelude.c /usr/share/rubygems/rubygems/defaults.rb:43:in join': can't convert nil into String (TypeError) from /usr/share/rubygems/rubygems/defaults.rb:43:in default_dir' from /usr/share/rubygems/rubygems/specification.rb:621:in default_specifications_dir' from /usr/share/rubygems/rubygems/specification.rb:637:in each_default' from /usr/share/rubygems/rubygems/specification.rb:678:in load_defaults' from /usr/share/rubygems/rubygems.rb:1088:in <top (required)>' from <internal:gem_prelude>:1:in require' from internal:gem_prelude :1:in ` make: *** [miniprelude.c] Error 1 prerequisites failed It seems that the ruby -l. ./tool/compile_prelude.rb ./prelude.rb miniprelude.c command is executed from the temporary directory with fresh sources. However, since there is added current directory '.' into the load path, the rbconfig.rb available there gets precedence instead of the rbconfig.rb of BASERUBY. Unfortunately, that rbconfig.rb contains just some rubbish. The attached patch might fix the issue, but I am not sure what it breaks, since the original commit message introducing this flag (r14271) is not overly descriptive :/		

Associated revisions

Revision 381b72da1202557b5670f39241c783658915a3da - 12/11/2012 02:38 AM - naruse (Yui NARUSE)

- common.mk (\$(MINIPRELUDE_C)): -l may break make dist.
patched by Vit Ondruch [Bug #7541] [ruby-core:50736]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38303 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 381b72da - 12/11/2012 02:38 AM - naruse (Yui NARUSE)

- common.mk (\$(MINIPRELUDE_C)): -I may break make dist.
patched by Vit Ondruch [Bug #7541] [ruby-core:50736]

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Revision 10c014b06d293314da37ec2171b3b20e64cbd670 - 12/11/2012 06:13 AM - naruse (Yui NARUSE)

- tool/make-snapshot (BASERUBY): add --disable-gem to avoid load gems.
[Bug #7541] [ruby-core:50736]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38309 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 10c014b0 - 12/11/2012 06:13 AM - naruse (Yui NARUSE)

- tool/make-snapshot (BASERUBY): add --disable-gem to avoid load gems.
[Bug #7541] [ruby-core:50736]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38309 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 9f69bef99bdaf542e3cc93215bcf5e1dbba1b91b - 12/11/2012 04:18 PM - naruse (Yui NARUSE)

- tool/make-snapshot: add --disable-rubygem to both MINIRUBY and RUBY.
On making miniprelude.c, it seems use MINIRUBY. this fixes #7541
but rubygems also needs to be fixed for older rubies.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38327 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 9f69bef9 - 12/11/2012 04:18 PM - naruse (Yui NARUSE)

- tool/make-snapshot: add --disable-rubygem to both MINIRUBY and RUBY.
On making miniprelude.c, it seems use MINIRUBY. this fixes #7541
but rubygems also needs to be fixed for older rubies.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38327 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 12/11/2012 12:11 AM - vo.x (Vit Ondruch)

Alternatively, there could be used --disable-gems I think.

#2 - 12/11/2012 11:38 AM - naruse (Yui NARUSE)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r38303.
Vit, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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- common.mk (\$(MINIPRELUDE_C)): -I may break make dist.
patched by Vit Ondruch [Bug #7541] [\[ruby-core:50736\]](#)

#3 - 12/11/2012 08:41 PM - naruse (Yui NARUSE)

- Status changed from Closed to Assigned
- Assignee set to drbrain (Eric Hodel)
- % Done changed from 100 to 0

Those patch don't fit this issue because ruby 2.0 still can't be use for BASERUBY of Ruby 1.9.3 or prior.
This is an issue of rubygems.

#4 - 12/11/2012 11:51 PM - vo.x (Vit Ondruch)

naruse (Yui NARUSE) wrote:

Those patch don't fit this issue because ruby 2.0 still can't be use for BASERUBY of Ruby 1.9.3 or prior.

I still don't understand what is the issue, why older ruby works and 2.0 does not work. So keep the '-I.' and add '--disable-gems' could fix the issues as well.

This is an issue of rubygems.

I would not blame RubyGems. Yes, they are doing more then they used to do, but requiring wrong rbconfig is definitely not issue of RubyGems, but issue of the build configuration. I would say that change in RubyGems just made the issue apparent, so fix in RubyGems will be fix in wrong place IMO.

#5 - 12/12/2012 12:31 AM - naruse (Yui NARUSE)

vo.x (Vit Ondruch) wrote:

naruse (Yui NARUSE) wrote:

Those patch don't fit this issue because ruby 2.0 still can't be use for BASERUBY of Ruby 1.9.3 or prior.

I still don't understand what is the issue, why older ruby works and 2.0 does not work. So keep the '-I.' and add '--disable-gems' could fix the issues as well.

RubyGems uses the information in rbconfig.rb like RbConfig::CONFIG["libdir"].
Previous gems works even if RbConfig::CONFIG["libdir"] is nil,
but the one bundled with 2.0 raises exception.
So 2.0 doesn't work.

-I is not acceptable because it doesn't load correct rbconfig.rb.
--disable-gems is not acceptable because it doesn't work for 1.8.

#6 - 12/12/2012 01:18 AM - naruse (Yui NARUSE)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r38327.
Vit, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

-
- tool/make-snapshot: add --disable-rubygem to both MINIRUBY and RUBY.
On making miniprelude.c, it seems use MINIRUBY. this fixes [#7541](#)
but rubygems also needs to be fixed for older rubies.

#7 - 12/12/2012 01:18 AM - naruse (Yui NARUSE)

- Status changed from Closed to Assigned

#8 - 12/12/2012 01:25 AM - vo.x (Vit Ondruch)

naruse (Yui NARUSE) wrote:

-I is not acceptable because it doesn't load correct rbconfig.rb.

Ah, so the presumably wrong rbconfig.rb is correct one. Wouldn't be safer to not relay on rbconfig at all and take the information from some other place instead, e.g. config.status?

#9 - 12/12/2012 02:55 PM - naruse (Yui NARUSE)

vo.x (Vit Ondruch) wrote:

naruse (Yui NARUSE) wrote:

-I is not acceptable because it doesn't load correct rbconfig.rb.

Ah, so the presumably wrong rbconfig.rb is correct one.

Yes, such incomplete rbconfig.rb is also a correct one to make a package.

Wouldn't be safer to not relay on rbconfig at all and take the information from some other place instead, e.g. config.status?

Yeah, it can be, and simply it can take info from reading and parsing rbconfig.rb instead of loading.
But for example ruby 1.9.3's build process can't be changed, so this must be fixed by ruby 2.0's side.

#10 - 01/26/2013 07:13 AM - drbrain (Eric Hodel)

- *Category set to lib*

- *Target version set to 2.6*

This appears to be a chicken and egg problem, but I don't have enough information to know how to solve it.

Should RubyGems know not to load when run as BASERUBY? How should RubyGems determine this?

#11 - 02/14/2013 12:48 AM - vo.x (Vit Ondruch)

- *Subject changed from Can't use Ruby 2.0.0 as as BASERUBY to Can't use Ruby 2.0.0 as as BASERUBY*

=begin

I was able to build ruby:

\$ tool/make-snapshot tmp branches/ruby_2_0_0

using

ruby 2.0.0dev (2013-02-08 trunk 39161) [x86_64-linux]

So this is probably resolved. Can anybody confirm?

=end

#12 - 12/14/2017 02:02 PM - vo.x (Vit Ondruch)

- *Status changed from Assigned to Closed*

This is not relevant anymore and was probably resolved already.

Files

0001-Fix-usage-of-2.0-as-as-BASERUBY.patch	870 Bytes	12/11/2012	vo.x (Vit Ondruch)
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