

## Ruby master - Bug #7698

### RubyGems 2.0 has an incompatibility about installation of extension libraries

01/15/2013 01:11 PM - mrkn (Kenta Murata)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	nobu (Nobuyoshi Nakada)	
<b>Target version:</b>	2.1.0	
<b>ruby -v:</b>	ruby 2.0.0dev (2013-01-14 trunk 38812) [x86_64-linux]	<b>Backport:</b>

#### Description

The current rubygem included in ruby-head has an incompatibility about installation of extension libraries. This incompatibility makes make install to be failed because the current gem doesn't separate build, source and install directories.

This is reported as a bug of bigdecimal's gemspec in [#7344](#) firstly, but Tadashi Saito pointed out it also can be reproduced in other gems including extension libraries, such as decimal.gem. I think this incompatibility will make gem-developers to be in trouble after ruby-2.0 is released. So this should be resolved before ruby-2.0 is released.

#### Related issues:

Related to Ruby master - Bug #7344: gem pristine bigdecimal	Closed	11/13/2012
Related to Ruby master - Bug #6904: make -j all fails (sometimes)	Closed	08/22/2012
Related to Backport200 - Backport #7991: backport r39542	Closed	03/01/2013
Has duplicate Ruby master - Bug #7971: bson_ext doesn't install correctly in ...	Closed	02/26/2013
Has duplicate Ruby master - Bug #7949: Gem::Ext::Builder removes dependency t...	Closed	02/25/2013

#### Associated revisions

##### Revision aaff971e - 01/17/2013 01:20 PM - kou (Kouhei Sutou)

- lib/rubygems/ext/builder.rb (Gem::Ext::Builder.make): Remove .time dependency from \*.rb install target. It causes needless \*.rb install. [Bug #7698] [ruby-core:51437] Reported by Tadashi Saito. Thanks!!!
- test/rubygems/test\_gem\_installer.rb (TestGemInstaller#test\_install\_extension\_and\_script): Add a test for the above change.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38864 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 38864 - 01/17/2013 01:20 PM - kou (Kouhei Sutou)

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**Revision c0c72c9b - 03/02/2013 04:14 PM - nobu (Nobuyoshi Nakada)**

ext\_conf\_builder.rb: build in the source directory

- lib/rubygems/ext/ext\_conf\_builder.rb (Gem::Ext::ExtConfBuilder.build): revert use of temporary directory for build, to work some buggy extconf.rb which cannot build outside the source directory. [ruby-core:53056] [Bug #7698]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39558 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 39558 - 03/02/2013 04:14 PM - nobu (Nobuyoshi Nakada)**

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**Revision 9b79ed12 - 03/02/2013 04:16 PM - nobu (Nobuyoshi Nakada)**

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39559 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 39559 - 03/02/2013 04:16 PM - nobu (Nobuyoshi Nakada)**

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**Revision 32458a01 - 03/02/2013 04:17 PM - nobu (Nobuyoshi Nakada)**

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39560 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 39560 - 03/02/2013 04:17 PM - nobu (Nobuyoshi Nakada)**

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**Revision a7a0b3ad - 03/03/2013 03:17 AM - nobu (Nobuyoshi Nakada)**

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- lib/rubygems/ext/ext\_conf\_builder.rb (Gem::Ext::ExtConfBuilder.hack\_for\_obsolete\_style\_gems): remove circular dependencies in install-so too. [ruby-core:52882] [Bug #7698]

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**Revision 39572 - 03/03/2013 03:17 AM - nobu (Nobuyoshi Nakada)**

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**Revision a95a87c0 - 03/04/2013 06:33 AM - nobu (Nobuyoshi Nakada)**

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**Revision 39579 - 03/04/2013 06:33 AM - nobu (Nobuyoshi Nakada)**

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**Revision f2d3cd1c - 03/05/2013 01:02 AM - nobu (Nobuyoshi Nakada)**

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**Revision 66867b0a - 03/05/2013 01:06 AM - nobu (Nobuyoshi Nakada)**

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**Revision 4cbb8ea8 - 03/10/2013 02:27 PM - nobu (Nobuyoshi Nakada)**

ext\_conf\_builder.rb: use intermediate destdir always

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**Revision 1ec03bfc - 03/17/2013 02:18 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39542,39545: [Backport #7991]

- \* lib/rubygems/ext/builder.rb: Fix incompatibilities when installing extensions. Patch by Nobu. [ruby-trunk - Bug #7968] [ruby-trunk - Bug #7971]
- \* lib/rubygems/ext/ext\_conf\_builder.rb: ditto.
- \* lib/rubygems/installer.rb: ditto.
- \* test/rubygems/test\_gem\_ext\_ext\_conf\_builder.rb: Test for the above.
- \* test/rubygems/test\_gem\_installer.rb: ditto.
- \* lib/rubygems/commands/sources\_command.rb: Prefer HTTPS over HTTP.
- \* lib/rubygems/defaults.rb: ditto
- \* lib/rubygems/dependency\_resolver.rb: Ditto.
- \* lib/rubygems/source.rb: ditto.
- \* lib/rubygems/spec\_fetcher.rb: ditto.
- \* lib/rubygems/specification.rb: ditto.
- \* lib/rubygems/test\_utilities.rb: ditto.
- \* test/rubygems/test\_gem.rb: Test for the above.
- \* test/rubygems/test\_gem\_commands\_sources\_command.rb: ditto.
- \* test/rubygems/test\_gem\_dependency\_resolver\_api\_set.rb: ditto.
- \* test/rubygems/test\_gem\_remote\_fetcher.rb: ditto.
- \* test/rubygems/test\_gem\_source.rb: ditto.
- \* test/rubygems/test\_gem\_spec\_fetcher.rb: ditto.

[ruby-trunk - Bug #7698] [ruby-trunk - Bug #7971]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39786 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 5d6aa9ba - 03/17/2013 02:20 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39558: [Backport #7991]

```
* lib/rubygems/ext/ext_conf_builder.rb (Gem::Ext::ExtConfBuilder.build):
  revert use of temporary directory for build, to work some buggy
  extconf.rb which cannot build outside the source directory.
[ruby-core:53056] [Bug #7698]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39788 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision bbe80008 - 03/17/2013 02:20 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39559: [Backport #7991]

```
* lib/rubygems/ext/ext_conf_builder.rb (Gem::Ext::ExtConfBuilder.build):
  use RUBYOPT instead of -r option, and revert some tests. [Bug #7698]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39789 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 8ff247ae - 03/17/2013 02:22 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39560,39562,39572: [Backport #7991]

```
* lib/rubygems/ext/ext_conf_builder.rb
(Gem::Ext::ExtConfBuilder.hack_for_obsolete_sytle_gems): remove
circular dependencies for old style gems which locate extconf.rb on
the toplevel. [ruby-core:53059] [ruby-trunk - Bug #7698]
(Gem::Ext::ExtConfBuilder.hack_for_obsolete_style_gems): remove

* lib/rubygems/ext/ext_conf_builder.rb
(Gem::Ext::ExtConfBuilder.hack_for_obsolete_style_gems): remove
circular dependencies in install-so too. [ruby-core:52882]
[Bug #7698]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39790 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision b28cb4fa - 03/17/2013 02:27 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39579: [Backport #7991]

```
* lib/rubygems/ext/ext_conf_builder.rb (Gem::Ext::ExtConfBuilder.build):
  fix for unusal cases again. install to a temporary directory once
  and move installed files to the destination directory, if it is same
  as the current directory. [Bug #7698]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39791 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision a4e52a1a - 03/17/2013 02:28 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39590,39592: [Backport #7991]

```
* lib/rubygems/ext/ext_conf_builder.rb (Gem::Ext::ExtConfBuilder.build):
  clear DESTDIR so RUBYARCHDIR and RUBYLIBDIR are not be overrrden.
[Bug #7698]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39792 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision d1ce1051 - 03/17/2013 02:57 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39603: [Backport #7991]  
for [Bug #7698]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39796 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision cd1d3422 - 03/17/2013 03:11 PM - nagachika (Tomoyuki Chikanaga)**

merge revision(s) 39696: [Backport #7991]

```
* lib/rubygems/ext/ext_conf_builder.rb (Gem::Ext::ExtConfBuilder.build):
  it is impossible to predict which file will be installed to where,
```



```
by the arguments, so use intermediate destination directory always.
[Bug #7698]
```

```
* lib/rubygems/ext/ext_conf_builder.rb (Gem::Ext::ExtConfBuilder.build):
it is impossible to predict which file will be installed to where,
by the arguments, so use intermediate destination directory always.
[Bug #7698]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39801 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

## History

---

### #1 - 01/15/2013 01:32 PM - mrkn (Kenta Murata)

Sorry, I made misspelling.

This incompatibility makes make install to be failed because the current gem doesn't separate build, source and install directories.

This incompatibility makes make install to be failed because the current *rubygem* doesn't separate build, source and install directories.

### #2 - 01/15/2013 01:37 PM - sorah (Sorah Fukumori)

Translating from [ruby-dev:46864], Tadashi said:

We can avoid this bug by changing directory tree in gems.  
But, Current status means any gems may be not installable after 2.0.0, by incompatibility in current rubygem bundled in 2.0.0.

So, I propose the following solutions:

1. Revert that incompatibility before 2.0.0 release or 2.0.0's first patch level release to make such gems installable.
2. If you cannot, please review all gems that installable in 2.0.0 and notify to authors if a gem can't be installed in 2.0.0. (This may be rubygems.org's task)
3. Announce that like "Your gem may be not installable in 2.0.0" to all gem authors.

I think solution (1) is the best. (2) seems high-cost.  
(3) is the worst way for me, because I've not seen an announcement like such,  
and seems too late to announce.

### #3 - 01/15/2013 01:49 PM - mrkn (Kenta Murata)

Thank you translation, sorah!

### #4 - 01/15/2013 08:01 PM - kou (Kouhei Sutou)

This can be fixed by the following patch. This is caused by [#6904](#) change. Should this problem be fixed in RubyGems?

## Index: lib/rubygems/ext/builder.rb

```
--- lib/rubygems/ext/builder.rb (revision 38833)
+++ lib/rubygems/ext/builder.rb (working copy)
@@ -19,6 +19,7 @@
mf = Gem.read_binary 'Makefile'
mf = mf.gsub(/RUBYARCHDIR\s*=\s*$/, "RUBYARCHDIR = #{dest_path}")
mf = mf.gsub(/RUBYLIBDIR\s*=\s*$/, "RUBYLIBDIR = #{dest_path}")
```

- mf = mf.gsub(/s\*\S+.time\$/, "")

```
File.open('Makefile', 'wb') {|f| f.print mf}
```

### #5 - 01/16/2013 03:37 AM - drbrain (Eric Hodel)

I am unfamiliar with Makefiles, so what does this patch change?

Also, .time is new in ruby 2.0, what effect does this have on ruby 1.9 and ruby 1.8?

I trust your judgement in adding this to RubyGems. If you commit it to Ruby please commit it to RubyGems and let me know!

### #6 - 01/17/2013 10:20 PM - kou (Kouhei Sutou)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r38864.  
Kenta, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

- 
- lib/rubygems/ext/builder.rb (Gem::Ext::Builder.make): Remove .time dependency from \*.rb install target. It causes needless \*.rb install. [Bug #7698] [ruby-core:51437] Reported by Tadashi Saito. Thanks!!!
  - test/rubygems/test\_gem\_installer.rb (TestGemInstaller#test\_install\_extension\_and\_script): Add a test for the above change.

#### #7 - 01/17/2013 10:24 PM - kou (Kouhei Sutou)

drbrain (Eric Hodel) wrote:

Also, .time is new in ruby 2.0, what effect does this have on ruby 1.9 and ruby 1.8?

This change doesn't have effect on 1.9 and 1.8 because Makefile on 1.9 and 1.8 doesn't have .time. So the gsub is just ignored.

I trust your judgement in adding this to RubyGems. If you commit it to Ruby please commit it to RubyGems and let me know!

Thanks. :-)

I've committed this change to Ruby and RubyGems with a test case.

Detail is written in commit message of the commit at the RubyGems repository:

<https://github.com/rubygems/rubygems/commit/a7cd1be541f2194fc8c1436d86bc05eb3a94500d>

#### #8 - 02/26/2013 12:05 AM - mame (Yusuke Endoh)

- Status changed from Closed to Assigned

- Assignee changed from kou (Kouhei Sutou) to drbrain (Eric Hodel)

Hello,

This issue seems not to be fixed completely.

"gem install rbtree" still hit this issue.

It reproduces on both trunk and 2.0.0-p0.

```
$ gem install rbtree
```

```
Building native extensions. This could take a while...
```

```
ERROR: Error installing rbtree:
```

```
ERROR: Failed to build gem native extension.
```

```
/home/mame/local/bin/ruby extconf.rb
```

```
checking for ruby/st.h... yes
```

```
checking for rb_exec_recursive() in ruby.h... yes
```

```
creating Makefile
```

```
make
```

```
compiling rbtree.c
```

```
compiling dict.c
```

```
linking shared-object rbtree.so
```

```
make install
```

```
/usr/bin/install -c -m 0755 rbtree.so /home/mame/local/lib/ruby/gems/2.0.0/gems/rbtree-0.3.0/
```

```
/usr/bin/install: 'rbtree.so' and '/home/mame/local/lib/ruby/gems/2.0.0/gems/rbtree-0.3.0/.rbtree.so' are the same file
```

```
make: *** [install-so] Error 1
```

Gem files will remain installed in /home/mame/local/lib/ruby/gems/2.0.0/gems/rbtree-0.3.0 for inspection.

Results logged to /home/mame/local/lib/ruby/gems/2.0.0/gems/rbtree-0.3.0/.gem\_make.out

--

Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

#### #9 - 02/27/2013 05:46 PM - nobu (Nobuyoshi Nakada)

- File 0001-ext\_conf\_builder.rb-build-in-separate-dir.patch added

It's not good idea to mess up the source directory.

**#10 - 02/27/2013 06:08 PM - nobu (Nobuyoshi Nakada)**

- File 0001-ext\_conf\_builder.rb-build-in-separate-dir.patch added

I've forgot to fix a few tests.

**#11 - 02/27/2013 06:08 PM - nobu (Nobuyoshi Nakada)**

- File deleted (0001-ext\_conf\_builder.rb-build-in-separate-dir.patch)

**#12 - 02/28/2013 06:09 PM - nobu (Nobuyoshi Nakada)**

Made a branch <https://github.com/ruby/ruby/pull/252>.

**#13 - 03/01/2013 07:27 AM - drbrain (Eric Hodel)**

Committed r39542. Thank you nobu for the RubyGems patch!

**#14 - 03/01/2013 10:56 AM - drbrain (Eric Hodel)**

- Assignee changed from drbrain (Eric Hodel) to nobu (Nobuyoshi Nakada)

- % Done changed from 100 to 50

=begin

This patch causes the rdiscount extension to fail to install since it reads a local file:

<https://github.com/rtomayko/rdiscount/blob/master/ext/extconf.rb#L18>

The exception:

Building native extensions. This could take a while...

/usr/local/bin/ruby -r./siteconf /Users/drbrain/tmp/gems/gems/rdiscount-2.0.7.1/ext/extconf.rb

checking for random()... yes

checking for srand()... yes

checking for rand()... yes

checking for srand()... yes

checking size of unsigned long... 8

checking size of unsigned int... 4

checking size of unsigned int... 4

\*\*\* /Users/drbrain/tmp/gems/gems/rdiscount-2.0.7.1/ext/extconf.rb failed \*\*\*

Could not create Makefile due to some reason, probably lack of necessary libraries and/or headers. Check the mkmf.log file for more details. You may need configuration options.

Provided configuration options:

--with-opt-dir

--without-opt-dir

--with-opt-include

--without-opt-include=\${opt-dir}/include

--with-opt-lib

--without-opt-lib=\${opt-dir}/lib

--with-make-prog

--without-make-prog

--srcdir=/Users/drbrain/tmp/gems/gems/rdiscount-2.0.7.1/ext

--curdir

--ruby=/usr/local/bin/ruby

--with-rdiscount-dir

--without-rdiscount-dir

--with-rdiscount-include

--without-rdiscount-include=\${rdiscount-dir}/include

--with-rdiscount-lib

--without-rdiscount-lib=\${rdiscount-dir}/

/Users/drbrain/tmp/gems/gems/rdiscount-2.0.7.1/ext/extconf.rb:18:in read': No such file or directory - VERSION (Errno::ENOENT)

from /Users/drbrain/tmp/gems/gems/rdiscount-2.0.7.1/ext/extconf.rb:18:in'

ERROR: Error installing rdiscount:

ERROR: Failed to build gem native extension.

```
Building has failed. See above output for more information on the failure.
```

Gem files will remain installed in /Users/drbrain/tmp/gems/gems/rdiscount-2.0.7.1 for inspection.

=end

**#15 - 03/01/2013 11:47 AM - naruse (Yui NARUSE)**

It also breaks a test.

<http://u64.rubyci.org/~chkbuild/ruby-trunk/log/20130301T010202Z.log.html.gz>

8) Error:

test\_install\_extension\_and\_script(TestGemInstaller):

Gem::Installer::ExtensionBuildError: ERROR: Failed to build gem native extension.

```
/home/chkbuild/build/20130301T010202Z/ruby/ruby -r./siteconf /home/chkbuild/build/20130301T010202Z/tmp/test_rubygems_11578/gemhome/gems/a-2/extconf.rb
```

creating Makefile

make

```
make[1]: Entering directory /home/chkbuild/build/20130301T010202Z/tmp/gem-install.20130301-11578-1y4vzyn'
```

```
make[1]: Nothing to be done for all'
```

```
make[1]: Leaving directory /home/chkbuild/build/20130301T010202Z/tmp/gem-install.20130301-11578-1y4vzyn'
```

make install

```
make[1]: Entering directory /home/chkbuild/build/20130301T010202Z/tmp/gem-install.20130301-11578-1y4vzyn'
```

installing default libraries

```
make[1]: Circular /home/chkbuild/build/20130301T010202Z/tmp/test_rubygems_11578/gemhome/gems/a-2/lib/a.rb <- /home/chkbuild/build/20130301T010202Z/tmp/test_rubygems_11578/gemhome/gems/a-2/lib/a.rb dependency dropped.
```

```
/usr/bin/install:/home/chkbuild/build/20130301T010202Z/tmp/test_rubygems_11578/gemhome/gems/a-2/lib/a.rb' and
```

```
/home/chkbuild/build/20130301T010202Z/tmp/test_rubygems_11578/gemhome/gems/a-2/lib/a.rb' are the same file
```

```
make[1]: *** [/home/chkbuild/build/20130301T010202Z/tmp/test_rubygems_11578/gemhome/gems/a-2/lib/a.rb] Error 1
```

```
make[1]: Leaving directory /home/chkbuild/build/20130301T010202Z/tmp/gem-install.20130301-11578-1y4vzyn'
```

Gem files will remain installed in /home/chkbuild/build/20130301T010202Z/tmp/test\_rubygems\_11578/gemhome/gems/a-2 for inspection.

Results logged to /home/chkbuild/build/20130301T010202Z/tmp/test\_rubygems\_11578/gemhome/gems/a-2/.gem\_make.out

```
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/builder.rb:55:in `run'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/builder.rb:28:in `block in make'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/builder.rb:26:in `each'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/builder.rb:26:in `make'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/ext_conf_builder.rb:33:in `block (2 levels) in build'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/ext_conf_builder.rb:20:in `chdir'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/ext_conf_builder.rb:20:in `block in build'
/home/chkbuild/build/20130301T010202Z/ruby/lib/tmpdir.rb:88:in `mktmpdir'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/ext/ext_conf_builder.rb:19:in `build'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/installer.rb:678:in `block (2 levels) in build_extensions'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/installer.rb:677:in `chdir'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/installer.rb:677:in `block in build_extensions'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/installer.rb:652:in `each'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/installer.rb:652:in `build_extensions'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/installer.rb:218:in `install'
/home/chkbuild/build/20130301T010202Z/ruby/test/rubygems/test_gem_installer.rb:1046:in `block in test_install_extension_and_script'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/user_interaction.rb:40:in `use_ui'
/home/chkbuild/build/20130301T010202Z/ruby/lib/rubygems/user_interaction.rb:63:in `use_ui'
/home/chkbuild/build/20130301T010202Z/ruby/test/rubygems/test_gem_installer.rb:1042:in `test_install_extension_and_script'
```

**#16 - 03/01/2013 12:50 PM - drbrain (Eric Hodel)**

What make do you have?

I have GNU Make 3.81 and cannot reproduce.

**#17 - 03/03/2013 01:14 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Assigned to Closed

- % Done changed from 50 to 100

This issue was solved with changeset r39558.

Kenta, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

---

ext\_conf\_builder.rb: build in the source directory

- lib/rubygems/ext/ext\_conf\_builder.rb (Gem::Ext::ExtConfBuilder.build): revert use of temporary directory for build, to work some buggy extconf.rb which cannot build outside the source directory. [ruby-core:53056] [Bug [#7698](#)]

**#18 - 03/03/2013 01:15 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Closed to Assigned
- Target version changed from 2.0.0 to 2.1.0
- % Done changed from 100 to 50

**#19 - 03/03/2013 01:16 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Assigned to Closed
- % Done changed from 50 to 100

This issue was solved with changeset r39559.  
Kenta, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

---

ext\_conf\_builder.rb: use RUBYOPT

- lib/rubygems/ext/ext\_conf\_builder.rb (Gem::Ext::ExtConfBuilder.build): use RUBYOPT instead of -r option, and revert some tests. [Bug [#7698](#)]

**#20 - 03/03/2013 01:16 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Closed to Assigned
- % Done changed from 100 to 50

**#21 - 03/03/2013 01:17 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Assigned to Closed
- % Done changed from 50 to 100

This issue was solved with changeset r39560.  
Kenta, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

---

ext\_conf\_builder.rb: hack for obsolete sytle gems

- lib/rubygems/ext/ext\_conf\_builder.rb (Gem::Ext::ExtConfBuilder.hack\_for\_obsolete\_sytle\_gems): remove circular dependencies for old style gems which locate extconf.rb on the toplevel. [ruby-core:53059] [ruby-trunk - Bug [#7698](#)]

**#22 - 03/03/2013 10:28 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Closed to Assigned
- % Done changed from 100 to 50

**#23 - 03/03/2013 12:17 PM - nobu (Nobuyoshi Nakada)**

- Status changed from Assigned to Closed
- % Done changed from 50 to 100

This issue was solved with changeset r39572.  
Kenta, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

---

ext\_conf\_builder.rb: remove circular dependency in install-so

- lib/rubygems/ext/ext\_conf\_builder.rb (Gem::Ext::ExtConfBuilder.hack\_for\_obsolete\_style\_gems): remove circular dependencies in install-so too. [ruby-core:52882] [Bug [#7698](#)]

**#24 - 06/16/2013 11:04 AM - zzak (Zachary Scott)**

I can still reproduce this on RubyGems 2.0.3 with trunk:  
ruby 2.1.0dev (2013-06-16 trunk 41328) [x86\_64-darwin12.3.0]

To repro: gem install rbtree

Is this a bug in rbtree?

**#25 - 06/17/2013 01:36 AM - nagachika (Tomoyuki Chikanaga)**

Hello,

The following is the output of gem install rbtree on my environment (ruby 2.1.0dev (2013-06-16 trunk 41337) [x86\_64-darwin10.8.0])  
It seems that rbtree need to catch up with constify of RBasic::klass and RHash::ifnone for RGenGC.  
ko1, what do you think? Is it intended incompatibility?

```
% gem install rbtree
Fetching: rbtree-0.4.1.gem (100%)
Building native extensions. This could take a while...
ERROR: Error installing rbtree:
ERROR: Failed to build gem native extension.
```

```
/Users/nagachika/opt/ruby-trunk/bin/ruby-trunk extconf.rb
```

```
checking for ruby/st.h... yes
checking for rb_exec_recursive() in ruby.h... yes
checking for rb_exec_recursive_paired() in ruby.h... yes
checking for rb_proc_lambda_p() in ruby.h... yes
creating Makefile
```

```
make
compiling dict.c
compiling rbtree.c
rbtree.c: In function 'copy_dict':
rbtree.c:755: error: assignment of read-only member 'klass'
rbtree.c: In function 'rbtree_to_hash':
rbtree.c:1292: error: assignment of read-only member 'ifnone'
make: *** [rbtree.o] Error 1
```

**#26 - 06/17/2013 08:39 AM - nobu (Nobuyoshi Nakada)**

It's a completely different issue, and intended incompatibility AFAIK.

**Files**

---

0001-ext_conf_builder.rb-build-in-separate-dir.patch	4.03 KB	02/27/2013	nobu (Nobuyoshi Nakada)
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