Ruby master - Bug #7897

rubygems 2.0 has an incompatibility about installation of extension libraries if gem package does not contain lib directory

02/21/2013 04:41 PM - mrkn (Kenta Murata)

| Status: | Closed |
| Priority: | Normal |
| Assignee: | drbrain (Eric Hodel) |
| Target version: | 2.0.0 |

ruby gems 2.0 has an incompatibility about installation of extension libraries.

If a gem package does not contain lib directory, an extension library file is copied as a file named "lib".

You can reproduce this problem by installing msgpack version 0.4.7.

**Related issues:**

- Related to Backport200 - Backport #7909: Backport r39366 - Create extension i...
  - Closed 02/22/2013

**Associated revisions**

- Revision ac4da20a - 02/21/2013 10:05 PM - drbrain (Eric Hodel)
  - test/rubygems/test_gem_installer.rb: Test for the above.

  git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39366 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

- Revision 39366 - 02/21/2013 10:05 PM - drbrain (Eric Hodel)
  - test/rubygems/test_gem_installer.rb: Test for the above.

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Revision 39366 - 02/21/2013 10:05 PM - drbrain (Eric Hodel)

- test/rubygems/test_gem_installer.rb: Test for the above.

Revision 9f9c0426 - 02/22/2013 09:09 PM - drbrain (Eric Hodel)

Merge trunk revision: 39366

- test/rubygems/test_gem_installer.rb: Test for the above.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@39392 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 02/21/2013 05:03 PM - mrkn (Kenta Murata)
The following patch fixes this problem.

diff --git a/lib/rubygems/installer.rb b/lib/rubygems/installer.rb
index 0865a6d..b8a6d2b 100644
--- a/lib/rubygems/installer.rb
+++ b/lib/rubygems/installer.rb
@@ -672,6 +672,7 @@ TEXT
begin
  Dir.chdir extension_dir do
  FileUtils.mkdir_p(dest_path) results = builder.build(extension, gem_dir, dest_path, results, @build_args)
  #2 - 02/21/2013 05:04 PM - mrkn (Kenta Murata)
  I'm sorry, the previous patch is wrong.
  The following is right.

diff --git a/lib/rubygems/installer.rb b/lib/rubygems/installer.rb
index 0865a6d..e5a5e0e 100644
--- a/lib/rubygems/installer.rb
+++ b/lib/rubygems/installer.rb
@@ -4,6 +4,7 @@
# See LICENSE.txt for permissions.
#++
+require 'fileutils'
require 'rubygems/exceptions'
require 'rubygems/package'
require 'rubygems/ext'
@@ -672,6 +673,7 @@ TEXT
begin
  Dir.chdir extension_dir do
  FileUtils.mkdir_p(dest_path) results = builder.build(extension, gem_dir, dest_path, results, @build_args)

#3 - 02/21/2013 11:49 PM - vo.x (Vit Ondruch)
I guess this regression was introduced in r37016 by dropping this line [1] in mkmf. Not sure what was the intention, since creating directory seems unrelated to the timestamp dependencies IMO

[1] https://github.com/ruby/ruby/commit/ba3d6005837aab1815131512ca4918f17ee12d07#L1L2135

#4 - 02/22/2013 07:05 AM - drbrain (Eric Hodel)

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

This issue was solved with changeset r39366.
Kenta, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- test/rubygems/test_gem_installer.rb: Test for the above.

#5 - 02/22/2013 07:12 AM - drbrain (Eric Hodel)
As Vit Ondruch has noted, it seems to be a bug in the Makefile generated by mkmf.rb as ruby 1.9.3 without Murata-san's patch correctly installs lib/msgpack.bundle.

Nobu, can you check it?

Just to be safe, I committed Murata-san's patch and will open a backport request.

#6 - 02/22/2013 07:20 AM - drbrain (Eric Hodel)
- Status changed from Closed to Assigned
- Assignee changed from drbrain (Eric Hodel) to nobu (Nobuyoshi Nakada)
- % Done changed from 100 to 50

#7 - 02/22/2013 10:35 AM - nobu (Nobuyoshi Nakada)
It caused by r38864, which removes timestamp files in dependency rules. Now mkmf uses those files to fix parallel make issues.

#8 - 02/22/2013 11:32 AM - drbrain (Eric Hodel)
- Status changed from Assigned to Closed
- Assignee changed from nobu (Nobuyoshi Nakada) to drbrain (Eric Hodel)
- % Done changed from 50 to 100

Then RubyGems breaks mkmf.rb's Makefile and Murata-san's patch fixes it.

Thank you for checking!