

## 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)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	drbrain (Eric Hodel)	
<b>Target version:</b>	2.0.0	
<b>ruby -v:</b>	ruby 2.0.0dev (2013-02-08 trunk 39161) [x86_64-darwin11.4.2]	<b>Backport:</b>
<b>Description</b>		
Hi,		
rubygems 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.		
<b>Related issues:</b>		
Related to Backport200 - Backport #7909: Backport r39366 - Create extension i...		<b>Closed</b> <b>02/22/2013</b>

#### Associated revisions

##### Revision ac4da20a - 02/21/2013 10:05 PM - drbrain (Eric Hodel)

- lib/rubygems/installer.rb (build\_extensions): Create extension install destination before building extension. Patch by Kenta Murata. [ruby-trunk - Bug #7897]
- 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

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

Merge trunk revision: 39366

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_0\_0@39392 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

## History

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### #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/ba3d6005837aabb1815131512ca4918f17ee12d07#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.

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- `lib/rubygems/installer.rb` (`build_extensions`): Create extension install destination before building extension. Patch by Kenta Murata. [ruby-trunk - Bug [#7897](#)]
- `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!