

## Ruby master - Bug #5447

### Rails can't create a new app when a folder with accented letter is in the path

10/14/2011 05:03 PM - gnal-ybur (Joël Brogniart)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b> 1.9.3	
<b>ruby -v:</b> ruby 1.9.3dev (2011-10-11 revision 33457) [x86_64-darwin11.2.0]	<b>Backport:</b>
<b>Description</b>	
<p>On OS X Lion 10.7.2 With ruby 1.9.3-RC1 and ruby 1.9.3-head</p> <pre>rvm install 1.9.3-head rvm --create <a href="#">1.9.3-head@rails3.1.1</a> rvm --default use <a href="#">1.9.3-head@rails3.1.1</a> gem install rails cd Documents/EMC/Émilie/rails/ rails new test_app</pre> <p>fails with error</p> <pre>/Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/actions.rb:117:in gsub': invalid multibyte character: //Users/billgates/Documents/EMC/Émilie/rails/test_app/ (RegexpError) from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/actions.rb:117:inrelative_to_original_destination_roo t' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/actions/empty_directory.rb:87:in destination=' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/actions/empty_directory.rb:37:ininitialize' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/actions/empty_directory.rb:15:in new' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/actions/empty_directory.rb:15:inempty_directory' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/railties-3.1.1/lib/rails/generators/app_base.rb:103:in create_root' from (eval):1:increate_root' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/task.rb:22:in run' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/invoke.rb:118:ininvoke_task' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/invoke.rb:124:in block in invoke_all' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/invoke.rb:124:ineach' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/invoke.rb:124:in map' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/invoke.rb:124:ininvoke_all' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/group.rb:226:in dispatch' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/thor-0.14.6/lib/thor/base.rb:389:instart' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/railties-3.1.1/lib/rails/commands/application.rb:31:in &lt;top (required)&gt;' from /Users/billgates/.rvm/rubies/<a href="#">ruby-1.9.3-head</a>/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb:36:inrequire' from /Users/billgates/.rvm/rubies/<a href="#">ruby-1.9.3-head</a>/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb:36:in require' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/railties-3.1.1/lib/rails/cli.rb:15:in' from /Users/billgates/.rvm/rubies/<a href="#">ruby-1.9.3-head</a>/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb:36:in require' from /Users/billgates/.rvm/rubies/<a href="#">ruby-1.9.3-head</a>/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb:36:inrequire' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/gems/rails-3.1.1/bin/rails:7:in &lt;top (required)&gt;' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/bin/rails:19:inload' from /Users/billgates/.rvm/gems/<a href="#">ruby-1.9.3-head@rails3.1.1</a>/bin/rails:19:in ``</pre> <p>There is no such problem with:</p> <ul style="list-style-type: none"><li>• ruby 1.9.2 - ruby 1.9.2p290 (2011-07-09 revision 32553) [x86_64-darwin11.2.0],</li><li>• Apple's system ruby ruby 1.8.7 (2010-01-10 patchlevel 249) [universal-darwin11.0]</li></ul> <p>Yours</p>	
<b>Related issues:</b>	

## History

### #1 - 10/14/2011 06:07 PM - naruse (Yui NARUSE)

- Status changed from Open to Third Party's Issue

It's thor's bug.

### #2 - 11/17/2011 09:07 PM - gnal-ybur (Joël Brogniart)

It's not a thor's bug. It's perhaps an issue related to the way ruby 1.9.3 is configured on Mac OS X. The issue is still there with ruby 1.9.3-p0.

Here is a sample test to see the problem (without using Thor).

In OS X' Finder create a folder with accented letter in name (i.e. Émilie), create a sub folder in this folder (i.e. toto).  
in terminal, cd to the "toto" folder and then irb.

With ruby 1.9.2p290

```
d1 = Dir.getwd
=> "/Users/billgates/Documents/tests/E\314\201milie/toto"
d2 = File.expand_path(File.dirname(d1))
=> "/Users/billgates/Documents/tests/E\314\201milie"
d1.gsub(d2, '.')
=> "./toto"
```

With ruby 1.9.3-p0

```
ruby-1.9.3-p0 :001 > d1 = Dir.getwd
=> "/Users/billgates/Documents/tests/Émilie/toto"
ruby-1.9.3-p0 :002 > d2 = File.expand_path(File.dirname(d1))
=> "/Users/billgates/Documents/tests/Émilie"
ruby-1.9.3-p0 :003 > d1.gsub(d2, '.')
RegexpError: invalid multibyte character: /\Users\billgates\Documents\tests\E\xCC\x81milie/
from (irb):3:in gsub'
from (irb):3
from /Users/billgates/.rvm/rubies/ruby-1.9.3-p0/bin/irb:16:in'
```

Yours

### #3 - 11/17/2011 09:17 PM - naruse (Yui NARUSE)

- Status changed from Third Party's Issue to Closed

Your research show the problem is derived an issue fixed by r33603,

and the change will be backported by [#5533](#).

So it will be fixed on next patch release of 1.9.3.

Thanks,

### #4 - 11/17/2011 09:23 PM - gnal-ybur (Joël Brogniart)

The problem seem to be related to File.expand\_path.

With ruby 1.9.3-p0:

```
ruby-1.9.3-p0 :001 > d1 = Dir.getwd
=> "/Users/brogniart/Documents/tests/Émilie/toto"
ruby-1.9.3-p0 :002 > d2 = File.dirname(d1)
=> "/Users/brogniart/Documents/tests/Émilie"
ruby-1.9.3-p0 :003 > d3 = File.expand_path(d2)
=> "/Users/brogniart/Documents/tests/Émilie"
ruby-1.9.3-p0 :004 > d4 = d1.gsub(d2, '.')
=> "./toto"
ruby-1.9.3-p0 :005 > d4 = d1.gsub(d3, '.')
RegexpError: invalid multibyte character: /\Users\brogniart\Documents\tests\E\xCC\x81milie/
from (irb):5:in gsub'
from (irb):5
from /Users/brogniart/.rvm/rubies/ruby-1.9.3-p0/bin/irb:16:in'
```

Yours

**#5 - 11/17/2011 09:25 PM - gnaI-ybur (Joël Brogniart)**

Oops, we where writing at the same time. Thanks for your response.