Ruby 1.8 - Bug #5017

Mysql::Error: #08S01Bad handshake

07/12/2011 03:30 AM - encaps (Andrew Ivanov)

Status: Rejected
Priority: Normal
Assignee:
Target version: Ruby 1.8.7
ruby -v: ruby 1.8.7 (2011-06-30 patchlevel 352) [i686-linux]

Description

Summary:
if ruby-1.8.7 is compiled from src (not binary from rpm), it can't connect to mysql-5.1.58:
Mysql::Error: #08S01Bad handshake

Environment:
ruby 1.8.7 (2011-06-30 patchlevel 352) [i686-linux]
mysql-5.1.58
Linux fedora12 2.6.31.5-127.fc12.i686.PAE #1 SMP Sat Nov 7 21:25:57 EST 2009 i686 i686 i386 GNU/Linux

How to reproduce the issue:
wget ftp://ftp.ruby-lang.org/pub/ruby/1.8/ruby-1.8.7-p352.tar.gz
tar -xzvf ruby-1.8.7-p352.tar.gz
cd ruby-1.8.7-p352
./configure && make && make install
ln -s /usr/local/bin/ruby /usr/bin/ruby
wget http://rubyforge.org/frs/download.php/74374/rubygems-1.6.0.tgz
tar xzvf rubygems-1.3.7.tgz
cd rubygems-1.3.7
ruby setup.rb
gem install rails -v=1.2.5
cd /var/www/
rails testproject
cd testproject
script/console

ActiveRecord::Base.establish_connection(
  :adapter => "mysql",
  :host => "localhost",
  :username => "root",
  :password => "pwd",
  :database => "test",
  :port => 3306
)

ActiveRecord::Base.connection.select_all("SELECT NOW();")

Mysql::Error: #08S01Bad handshake
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/vendor/mysql.rb:523:in read'
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/vendor/mysql.rb:153:inreal_connect'
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/connection_adapters/mysql_adapter.rb:389:in connect'
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/connection_adapters/mysql_adapter.rb:152:initialize'
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/connection_adapters/mysql_adapter.rb:82:in new'
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/connection_adapters/abstract/connection_specification.rb:262:
in mysql_connectio
n'
from /usr/local/lib/ruby/gems/1.8/gems/activerecord-1.15.5/lib/active_record/connection_adapters/abstract/connection_specification.rb:262:
in send
But if Ruby is installed from binaries under Fedora Core 14 (rpm is available for Fedora14, the same Ruby version, gems, the same remote mysql server) - everything is ok, no mysql error.

So, the question is: is it possible to compile Ruby-1.8.7 from src (for old Linux release) without mysql error?