

## Ruby master - Bug #6379

### inconsistent configuration of core extensions linking against libssl and libcrypto (ext/openssl, ext/digest/\*)

04/29/2012 08:02 PM - drkaes (Stefan Kaes)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b> 1.9.3	
<b>ruby -v:</b> ruby 1.9.3p194 (2012-04-20 revision 35410) [x86_64-darwin10.8.0]	<b>Backport:</b>
<b>Description</b>	
<p>ext/openssl/extconf.rb was change some time ago to prefer compile settings via a pkgconfig("openssl") directive.</p> <p>See <a href="https://github.com/ruby/ruby/commit/f6b49243eb0c21bea1c4198cdd52a549e6ead075">https://github.com/ruby/ruby/commit/f6b49243eb0c21bea1c4198cdd52a549e6ead075</a></p> <p>However, ext/digest/{md5,rmd160,sha1,sha2}/extconf.rb have not been changed.</p> <p>This can result in multiple versions of libcrypto and libssl being linked into ruby, which in turn can lead to strange behavior/crashes.</p> <p>For example, on OS X, with macports installed and its pkg-config binary in the search path, you will get the following list of libraries:</p> <pre>/System/Library/Frameworks/Carbon.framework/Versions/A/Carbon (compatibility version 2.0.0, current version 152.0.0) /System/Library/Frameworks/Cocoa.framework/Versions/A/Cocoa (compatibility version 1.0.0, current version 15.0.0) /System/Library/Frameworks/CoreFoundation.framework/Versions/A/CoreFoundation (compatibility version 150.0.0, current version 550.44.0) /System/Library/Frameworks/IOKit.framework/Versions/A/IOKit (compatibility version 1.0.0, current version 275.0.0) /System/Library/Frameworks/Tcl.framework/Versions/8.5/Tcl (compatibility version 8.5.0, current version 8.5.7) /System/Library/Frameworks/Tk.framework/Versions/8.5/Tk (compatibility version 8.5.0, current version 8.5.7) /opt/local/lib/libcrypto.1.0.0.dylib (compatibility version 1.0.0, current version 1.0.0) /opt/local/lib/libffi.5.dylib (compatibility version 6.0.0, current version 6.10.0) /opt/local/lib/libssl.1.0.0.dylib (compatibility version 1.0.0, current version 1.0.0) /usr/lib/libSystem.B.dylib (compatibility version 1.0.0, current version 125.2.11) /usr/lib/libcrypto.0.9.8.dylib (compatibility version 0.9.8, current version 0.9.8) /usr/lib/libncurses.5.4.dylib (compatibility version 5.4.0, current version 5.4.0) /usr/lib/libobjc.A.dylib (compatibility version 1.0.0, current version 227.0.0) /usr/lib/libutil.dylib (compatibility version 1.0.0, current version 1.0.0) /usr/lib/libz.1.dylib (compatibility version 1.0.0, current version 1.2.3) /usr/local/lib/libreadline.6.2.dylib (compatibility version 6.0.0, current version 6.2.0) /usr/local/lib/libyaml-0.2.dylib (compatibility version 3.0.0, current version 3.2.0)</pre> <p>This happens with a plain ./configure (no arguments given).</p> <p>If instead you pass --with-opt-dir=/opt/local to ./configure, you get a consistent set of libraries.</p> <p>I think this is problematic, because it means rvm and ruby-build are broken out of the box for users of MacPorts.</p> <p>There are two ways to fix this:</p> <ol style="list-style-type: none"><li>1) revert the commit, as it it seems to cause more problems than it fixes</li><li>2) add corresponding pkgconfig directives to all the mentioned extconf.rb files</li></ol> <p>I'm for reverting the patch.</p> <p>What do you think?</p> <p>PS:</p>	

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I used
find . -name '*.bundle' -exec otool -L {} \; | sort | uniq | grep -v ':'
to create the list.
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## Associated revisions

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### Revision 26e258c8 - 04/30/2012 09:03 PM - nobu (Nobuyoshi Nakada)

- ext/digest\*/extconf.rb: use pkg\_config to use same library with openssl. [ruby-core:44755][Bug #6379]
- ext/openssl/deprecation.rb: extract check for broken Apple OpenSSL.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35504 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

### Revision 35504 - 04/30/2012 09:03 PM - nobu (Nobuyoshi Nakada)

- ext/digest\*/extconf.rb: use pkg\_config to use same library with openssl. [ruby-core:44755][Bug #6379]
- ext/openssl/deprecation.rb: extract check for broken Apple OpenSSL.

### Revision 35504 - 04/30/2012 09:03 PM - nobu (Nobuyoshi Nakada)

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## History

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### #1 - 05/01/2012 06:03 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r35504.  
Stefan, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

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