Hello ruby core team (and everyone else),

I have a slight oddity; it seems to be not hugely important, as it seems minor, but I will report it anyway just in case. Please disregard/close if this has already been reported before.

Situation:

I am trying to compile/install ruby-2.7.0 on the most recent linux mint (fresh installation).

The "make" step works fine. No error I could see there.

The "make install" step, however had, has one slight problem/warning:

```
Traceback (most recent call last):
  11: from ./tool/rbinstall.rb:942:in `<main>'
  10: from ./tool/rbinstall.rb:942:in `each'
   9: from ./tool/rbinstall.rb:945:in `block in <main>'
   8: from ./tool/rbinstall.rb:794:in `block in <main>'
   7: from ./tool/rbinstall.rb:830:in `install_default_gem'
   6: from ./tool/rbinstall.rb:830:in `each'
   5: from ./tool/rbinstall.rb:840:in `block in install_default_gem'
   4: from ./tool/rbinstall.rb:278:in `open_for_install'
   3: from ./tool/rbinstall.rb:841:in `block (2 levels) in install_default_gem'
   2: from /Depot/j/ruby-2.7.0/lib/rubygems/specification.rb:2426:in `to_ruby'
   1: from /Depot/j/ruby-2.7.0/lib/rubygems/core_ext/kernel_require.rb:92:in `require'
/Depot/j/ruby-2.7.0/lib/rubygems/core_ext/kernel_require.rb:92:in `require': cannot load such file -- openssl
uncommon.mk:373: recipe for target 'do-install-all' failed
```

I believe this is due to linux mint not having openssl installed by default (probably not the dev-package either).

Ruby seems to work just fine otherwise, so this may just be a simple inconvenient warning - but if possible, I believe it would be better to, IF there is a step during the do-install-all action, to rescue this (and continue if something else has to be done).

Right now it seems to stop right at this point, with the "cannot load such file -- openssl" message, and I am not sure if there is anything else that has to be installed.

Note that I know how to work around this; I will just install/compile the other packages that are missing, then I can recompile ruby or just do so in the ext/ directory. But this is just an initial setup right now - I have to install the rest at a later time today. So I just report this here - not sure if it is known yet, but either way it may not be very elegant to fail or report that warning.

If it is of help, I will copy/paste the whole "make install" step next:
Depot/j/ruby-2.7.0/make install

* make install step issued here *

BASERUBY = echo executable host ruby is required. use --with-baseruby option.; false
CC = gcc
LD = ld
LDSHARED = gcc -shared
XCFLAGS = -D_FORTIFY_SOURCE=2 -fstack-protector-strong -fPIC -DCANONICALIZATION_FOR_MATHN -I -I.ext/include/x86_64-linux -I./include -I. -I./enc/unicode/12.1.0
CPPFLAGS =
DLDFLAGS = -Wl,-zcompress-debug-sections=zlib -fstack-protector-strong -pie
SOLIBS = -l pthread -lrt -lrt -ldl -lcrypt -lm
LANG = en_US.UTF-8
LC_ALL =
LC_CTYPE =
MFLAGS =
gcc (Ubuntu 7.4.0-1ubuntu1~18.04.1) 7.4.0
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This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

./revision.h unchanged
generating enc.mk
making srcs under enc
make[1]: Entering directory `/Depot/j/ruby-2.7.0'
make[1]: Nothing to be done for 'srcs'.
make[1]: Entering directory `/Depot/j/ruby-2.7.0'
generating transdb.h
transdb.h unchanged
generating makefiles ext/configure-ext.mk
ext/configure-ext.mk unchanged
make[1]: Entering directory `/Depot/j/ruby-2.7.0'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/pathname'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/rripper'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/json'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/io/console'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/bigdecimal'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/coverage'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/fiddle'
make[1]: Entering directory `/Depot/j/ruby-2.7.0/ext/rubyvm'
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make[2]: Entering directory `/Depot/j/ruby-2.7.0/ext/syslog'
make[2]: Leaving directory `/Depot/j/ruby-2.7.0/ext/syslog'
make[2]: Entering directory `/Depot/j/ruby-2.7.0/ext/monitor'
make[2]: Leaving directory `/Depot/j/ruby-2.7.0/ext/monitor'
make[2]: Entering directory `/Depot/j/ruby-2.7.0/ext/digest'
make[2]: Leaving directory `/Depot/j/ruby-2.7.0/ext/digest'
make[2]: Entering directory `/Depot/j/ruby-2.7.0/ext/digest/sha2'
make[2]: Leaving directory `/Depot/j/ruby-2.7.0/ext/digest/sha2'
make[2]: Entering directory `/Depot/j/ruby-2.7.0'
./revision.h unchanged
make[2]: Leaving directory `/Depot/j/ruby-2.7.0'
make[1]: Leaving directory `/Depot/j/ruby-2.7.0'

*** Following extensions are not compiled:
  zlib:
   Could not be configured. It will not be installed.
   Check ext/zlib/mkmf.log for more details.
  readline:
   Could not be configured. It will not be installed.
   Check ext/readline/mkmf.log for more details.
  dbm:
   Could not be configured. It will not be installed.
   Check ext/dbm/mkmf.log for more details.
  openssl:
   Could not be configured. It will not be installed.
   Check ext/openssl/mkmf.log for more details.
  gdbm:
   Could not be configured. It will not be installed.
   Check ext/gdbm/mkmf.log for more details.
  -test-/cxxanyargs:
   Could not be configured. It will not be installed.
   Check ext/-test-/cxxanyargs/mkmf.log for more details.

*** Fix the problems, then remove these directories and try again if you want.
make[1]: Leaving directory `/Depot/j/ruby-2.7.0'
making enc
make[1]: Entering directory `/Depot/j/ruby-2.7.0'
make[1]: Nothing to be done for `enc'.
make[1]: Leaving directory `/Depot/j/ruby-2.7.0'
making trans
make[1]: Entering directory `/Depot/j/ruby-2.7.0'
make[1]: Nothing to be done for `trans'.
make[1]: Leaving directory `/Depot/j/ruby-2.7.0'
making encs
make[1]: Entering directory `/Depot/j/ruby-2.7.0'
make[1]: Nothing to be done for `encs'.
make[1]: Leaving directory `/Depot/j/ruby-2.7.0'
Generating RDoc documentation
Parsing sources...
100% [1141/1141] win32/README.win32

Generating RI format into /Depot/j/ruby-2.7.0/.ext/rdoc...

Files: 1141
Classes: 1611 ( 755 undocumented)
Modules: 327 ( 134 undocumented)
Constants: 2434 ( 725 undocumented)
Attributes: 1484 ( 558 undocumented)
Methods: 13002 (3976 undocumented)

Total: 18858 (6148 undocumented)
67.40% documented
I should add that even despite the openssl warning, "make install" appears to work perfectly fine - ruby is at /usr/bin/ruby and it works fine. As I type this, I am compiling a new base system through ruby, lateron the extensions too - so this is really just a tiny glitch; not even sure if it is worth reporting but I thought it is better to report it anyway. :)

History

#1 - 01/03/2020 12:39 PM - shevegen (Robert A. Heiler)