

## Ruby trunk - Bug #15726

### Error compiling Ruby

03/24/2019 06:02 PM - robin850 (Robin Dupret)

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> 2.6.2	<b>Backport:</b> 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: UNKNOWN
<b>Description</b>	
Hello,	
I'm sorry if I'm reporting that to the wrong place but the errors are so meaningless that it's hard to know where the issue really comes from.	
Trying to install Ruby by compiling it, several errors happen. The process follows these commands:	
<pre>\$ wget https://cache.ruby-lang.org/pub/ruby/2.6/ruby-2.6.2.tar.gz \$ tar -xvf ruby-2.6.2.tar.gz \$ cd ruby-2.6.2 \$ ./configure \$ make V=1</pre>	
Actually the make task fails. The first time, it fails at the ar step:	
<pre>Makefile:283: recipe for target 'libruby-static.a' failed make: *** [libruby-static.a] Interrupt</pre>	
Running make in verbose mode show that the error happens running:	
<pre>ar rcD libruby-static.a dln.o localeinit.o loadpath.o array.o ast.o bignum.o class.o compar.o com pile.o complex.o cont.o debug.o debug_counter.o dir.o dln_find.o encoding.o enum.o enumerator.o er ror.o eval.o file.o gc.o hash.o inits.o io.o iseq.o load.o marshal.o math.o mjit.o mjit_compile.o n ode.o numeric.o object.o pack.o parse.o proc.o process.o random.o range.o rational.o re.o regcomp. o regenc.o regerror.o regex.o regexec.o regparse.o regsyntax.o ruby.o safe.o signal.o sprintf.o st.o strft ime.o string.o struct.o symbol.o thread.o time.o transcode.o transient_heap.o util.o variable.o ver sion.o vm.o vm_backtrace.o vm_dump.o vm_trace.o coroutine/amd64/Context.o enc/ascii.o enc/us_asci i.o enc/unicode.o enc/utf_8.o enc/trans/newline.o explicit_bzero.o setproctitle.o strlcat.o strlcp y.o addr2line.o prelude.o dmyext.o dmyenc.o</pre>	
Running it manually says :	
<pre>ar: file.o gc.o: No such file or directory</pre>	
And ditto for time.o transcode.o once file.o gc.o has been replaced with file.o. Replacing time.o transcode.o with time.o makes the error go away but running the command for a few seconds, then it exits with Killed but nothing is present in dmesg.	
Trying to rerun make, the standard library gets compiled but it fails trying to compile BigDecimal with the following error:	
<pre>In file included from bigdecimal.c:13:0: bigdecimal.h:122:1: error: redefinition of 'rb_array_const_ptr' rb_array_const_ptr(VALUE a) ^~~~~~ In file included from bigdecimal.h:14:0, from bigdecimal.c:13: ../../../../include/ruby/ruby.h:2154:1: note: previous definition of 'rb_array_const_ptr' was here rb_array_const_ptr(VALUE a) ^~~~~~ In file included from bigdecimal.c:13:0: bigdecimal.h:139:1: error: static declaration of 'rb_sym2str' follows non-static declaration rb_sym2str(VALUE sym)</pre>	

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^~~~~~
In file included from bigdecimal.h:14:0,
    from bigdecimal.c:13:
../../../../include/ruby/ruby.h:1806:7: note: previous declaration of 'rb_sym2str' was here
VALUE rb_sym2str(VALUE);
^~~~~~
bigdecimal.c:108:1: error: static declaration of 'rb_rational_num' follows non-static declaration
rb_rational_num(VALUE rat)
^~~~~~
In file included from ../../include/ruby/ruby.h:2111:0,
    from bigdecimal.h:14,
    from bigdecimal.c:13:
../../../../include/ruby/intern.h:180:7: note: previous declaration of 'rb_rational_num' was here
VALUE rb_rational_num(VALUE rat);
^~~~~~
bigdecimal.c:120:1: error: static declaration of 'rb_rational_den' follows non-static declaration
rb_rational_den(VALUE rat)
^~~~~~
In file included from ../../include/ruby/ruby.h:2111:0,
    from bigdecimal.h:14,
    from bigdecimal.c:13:
../../../../include/ruby/intern.h:181:7: note: previous declaration of 'rb_rational_den' was here
VALUE rb_rational_den(VALUE rat);
^~~~~~
cc1: warning: unrecognized command line option '-Wno-self-assign'
cc1: warning: unrecognized command line option '-Wno-parentheses-equality'
cc1: warning: unrecognized command line option '-Wno-constant-logical-operand'
cc1: warning: unrecognized command line option '-Wno-cast-function-type'
Makefile:293: recipe for target 'bigdecimal.o' failed
make[2]: *** [bigdecimal.o] Error 1
make[2]: Leaving directory '/root/ruby-2.6.2/ext/bigdecimal'
exts.mk:189: recipe for target 'ext/bigdecimal/all' failed
make[1]: *** [ext/bigdecimal/all] Error 2
make[1]: Leaving directory '/root/ruby-2.6.2'
uncommon.mk:286: recipe for target 'build-ext' failed
make: *** [build-ext] Error 2

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Is that a bug in the compilation process or something I do wrong or missing in my setup ?

System configuration:

- System: Debian 9.8 Stretch (Linux Kernel 2.6.32)
- GCC: 6.3.0 20170516
- Make: 4.1
- Id: GNU Id (GNU Binutils for Debian) 2.28
- OpenSSL : 1.1.0j 20 Nov 2018
- Yacc: Bison 3.0.4

Thanks for your time !

## Files

config.log	1.22 MB	03/24/2019	robin850 (Robin Dupret)
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