

Ruby master - Bug #15570

rb_int2big signature change #14036 breaks VIM on 32b arches

01/29/2019 12:05 PM - vo.x (Vit Ondruch)

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| Status: Open | |
| Priority: Normal | |
| Assignee: | |
| Target version: | |
| ruby -v: ruby 2.6.0p0 (2018-12-25 revision 66547) [i386-linux] | Backport: 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: UNKNOWN |
| Description | |
| It was recently pointed out by VIM maintainer in Fedora 1 , that VIM fails to build with Ruby 2.6 with the following error: | |
| <pre>gcc -c -I. -DDYNAMIC_RUBY_DLL=\"libruby.so.2.6\" -DDYNAMIC_RUBY_VER=26 -I/usr/include -I/usr/include -DRUBY_VERSION=26 -Iproto -DHAVE_CONFIG_H -DFEAT_GUI_GTK -I/usr/include/gtk-3.0 -I/usr/include/pango-1.0 -I/usr/include/glib-2.0 -I/usr/lib/glib-2.0/include -I/usr/include/fribidi -I/usr/include/harfbuzz -I/usr/include/freetype2 -I/usr/include/libpng16 -I/usr/include/uuid -I/usr/include/cairo -I/usr/include/pixman-1 -I/usr/include/gdk-pixbuf-2.0 -I/usr/include/libmount -I/usr/include/blkid -I/usr/include/gio-unix-2.0 -I/usr/include/libdrm -I/usr/include/atk-1.0 -I/usr/include/at-spi2-atk/2.0 -I/usr/include/at-spi-2.0 -I/usr/include/dbus-1.0 -I/usr/lib/dbus-1.0/include -pthread -O2 -g -pipe -Wall -Werror=format-security -Wp,-D_GLIBCXX_ASSERTIONS -fexceptions -fstack-protector-strong -grecord-gcc-switches -specs=/usr/lib/rpm/redhat/redhat-hardened-cc1 -specs=/usr/lib/rpm/redhat/redhat-annobin-cc1 -m32 -march=i686 -mtune=generic -msse2 -mfpmath=sse -mstackrealign -fasynchronous-unwind-tables -fstack-clash-protection -fcf-protection -D_GNU_SOURCE -D_FILE_OFFSET_BITS=64 -I/usr/include/python3.6m -U_FORTIFY_SOURCE -D_FORTIFY_SOURCE=1 -o objects/if_ruby.o if_ruby.c if_ruby.c:509:7: error: conflicting types for 'rb_int2big_stub' 509 VALUE rb_int2big_stub(SIGNED_VALUE x) ^~~~~~ if_ruby.c:107:21: note: previous declaration of 'rb_int2big_stub' was here 107 # define rb_int2big rb_int2big_stub ^~~~~~ make: *** [Makefile:3091: objects/if_ruby.o] Error 1 make: *** Waiting for unfinished jobs....</pre> | |
| This is apparently due to #14036 . The naive fix in VIM is quite easy 2 , but I wonder if there is any better way to fix this breakage. | |
| Related issues: | |
| Related to Ruby master - Bug #14036: Signature of rb_uint2big and rb_int2big | Closed |

History

#1 - 01/29/2019 12:05 PM - vo.x (Vit Ondruch)

- Related to Bug #14036: Signature of rb_uint2big and rb_int2big added

#2 - 01/30/2019 09:21 AM - zdohnal (Zdenek Dohnal)

Hi!

I'm Zdenek, Fedora/RHEL Vim's maintainer and I confirm Vita's report - Vim started to fail on 32b archs since ruby 2.6 landed in Fedora rawhide because of change in [\[\[\[https://bugs.ruby-lang.org/issues/14036\]\]\]](https://bugs.ruby-lang.org/issues/14036), which seemed more like cosmetic change, but it broke API compatibility.