

## Ruby trunk - Bug #15754

### MinGW build/compile failure with Ruby 2.5.5, but 2.6.2 & trunk ok

04/07/2019 09:29 PM - MSP-Greg (Greg L)

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b>	<b>Backport:</b> 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: UNKNOWN
<b>Description</b>	
<p>As many of you may recall, I'm not a c type, especially regarding build errors. Recently tried to build 2.5.5 locally, and I get errors similar to the below. I do not have any errors using the same build code (ruby-loco) when building 2.6.2 or trunk.</p> <p>Any help/suggestions would be appreciated... Thanks, Greg</p> <p>Attached larger log with config info.</p> <pre>../ruby/array.c:2197:52: error: expected ')' before 'PRI_LL_PREFIX'     rb_raise(rb_eTypeError, "wrong element type %"PRIsVALUE" at %ld (expected array)",               ^               ) ../ruby/array.c: In function 'rb_ary_bsearch_index': ../ruby/array.c:2676:53: error: expected ')' before 'PRI_LL_PREFIX'     rb_raise(rb_eTypeError, "wrong argument type %"PRIsVALUE               ^               ) ../ruby/array.c: In function 'take_items': ../ruby/array.c:3318:49: error: expected ')' before 'PRI_LL_PREFIX'     rb_raise(rb_eTypeError, "wrong argument type %"PRIsVALUE" (must respond to :each)",               ^               )</pre>	

### History

#### #1 - 04/08/2019 03:36 AM - nobu (Nobuyoshi Nakada)

PRI\_LL\_PREFIX should be defined in config.h by configure.ac.

```
$ grep '#define PRI_LL_PREFIX' .ext/include/x64-mingw32/ruby/config.h
#define PRI_LL_PREFIX "I64"
```

#### #2 - 04/08/2019 03:42 PM - MSP-Greg (Greg L)

[nobu \(Nobuyoshi Nakada\)](#)

Thanks for the reply. Stupid on my part, I overlooked the changes re gnu\_printf in configure.ac, and it's compiling fine.

I found the patch for it looking in an old copy of ruby-loco (using 'makepkg'). Back when Appveyor MinGW testing was added here, most of the 'build' patches needed for MinGW were also added.

All the patches currently used in ruby-loco are just for testing (ruby-loco tests from install). IOW, I totally forgot about build patches being needed.

Sorry & thanks, Greg

#### #3 - 04/08/2019 06:11 PM - MSP-Greg (Greg L)

As to commits, see:

r64620 - Declare as gnu\_printf on mingw  
<https://github.com/ruby/ruby/commit/c115b39e033979bac7cfd2db5735549430dc14f7>

and

r64630 - use mingw ANSI stdio  
<https://github.com/ruby/ruby/commit/1cf2bb4b2085758112503e7da7414d1ef52d4f48>

Obviously, they'd need to be modified for 2.5 & 2.4, but since both are active branches, a backport would be helpful.

Ok to close...

## Files

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ruby_2.5.5_build_errors_no_j.txt	6.32 KB	04/07/2019	MSP-Greg (Greg L)
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