

Ruby master - Bug #13060

pkg_config breaks when adding '-Wconversion' to \$CFLAGS

12/21/2016 07:35 PM - hone (Terence Lee)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:	2.4	
ruby -v:	ruby 2.4.0rc1 (2016-12-12 trunk 57064) [x86_64-linux]	Backport:

Description

When compiling the nokogiri gem, you can opt to use system libraries which uses pkg_config. When I add '-Wconversion' to \$CFLAGS, it causes 'pkg_config('libxml-2.0')' to return nil. This is not the case in Ruby 2.3.3.

This will affect anyone using nokogiri with Ruby 2.4.0 on Heroku.

test script:

```
require 'mkmf'

puts RUBY_DESCRIPTION
puts "pkg_config('libxml-2.0'): #{pkg_config('libxml-2.0').inspect}"
puts "Adding -Wconversion to $CFLAGS"
$CFLAGS << " -Wconversion"
puts "pkg_config('libxml-2.0'): #{pkg_config('libxml-2.0').inspect}"
```

ruby 2.3.3 output:

```
ruby 2.3.3p222 (2016-11-21 revision 56859) [x86_64-linux]
pkg_config('libxml-2.0'): ["", "", "-lxml2"]
Adding -Wconversion to $CFLAGS
pkg_config('libxml-2.0'): ["", "", "-lxml2"]
```

ruby 2.4.0-rc1 output:

```
ruby 2.4.0rc1 (2016-12-12 trunk 57064) [x86_64-linux]
pkg_config('libxml-2.0'): ["", "", "-lxml2"]
Adding -Wconversion to $CFLAGS
pkg_config('libxml-2.0'): nil
```

Associated revisions

Revision 5153260c - 12/22/2016 09:44 AM - naruse (Yui NARUSE)

suppress warning: implicit conversion changes signedness

It causes [Bug #13060]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@57150 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 57150 - 12/22/2016 09:44 AM - naruse (Yui NARUSE)

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History

#1 - 12/22/2016 12:11 AM - hone (Terence Lee)

I was able to track it down to this commit using git bisect, <https://github.com/ruby/ruby/commit/feaa82a42ba238d9192d219f72229f4c3948957f>.

#2 - 12/22/2016 09:44 AM - naruse (Yui NARUSE)

- *Status changed from Open to Closed*

Applied in changeset r57150.

suppress warning: implicit conversion changes signedness

It causes [Bug [#13060](#)]

#3 - 12/22/2016 12:31 PM - nobu (Nobuyoshi Nakada)

- *Description updated*