

Ruby trunk - Bug #9897

Build fails for fiddle with libffi version 3.1

06/03/2014 09:54 AM - jue (Juergen Daubert)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:	2.6	
ruby -v:	ruby 2.1.2p95 (2014-05-08 revision 45877) [x86_64-linux]	Backport: 2.0.0: DONTNEED, 2.1: DONE
Description ext/fiddle/extconf.rb expects a 3-digit version string from the libffi pkg-config. Latest libffi is version 3.1 and building of fiddle fails because version is only 2-digit.		

Associated revisions

Revision ae8c770b - 06/21/2014 03:54 AM - nobu (Nobuyoshi Nakada)

fiddle/extconf.rb: supply 0

- ext/fiddle/extconf.rb: supply 0 to fill RUBY_LIBFFI_MODVERSION with 3-digit. libffi 3.1 returns just 2-digit. [ruby-core:62920] [Bug #9897]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@46485 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 46485 - 06/21/2014 03:54 AM - nobu (Nobuyoshi Nakada)

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Revision 1121fa0e - 06/29/2014 04:59 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r46485: [Backport #9897]

```
* ext/fiddle/extconf.rb: supply 0 to fill RUBY_LIBFFI_MODVERSION
with 3-digit. libffi 3.1 returns just 2-digit.
[ruby-core:62920] [Bug #9897]
```

Revision 46609 - 06/29/2014 04:59 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r46485: [Backport #9897]

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* ext/fiddle/extconf.rb: supply 0 to fill RUBY_LIBFFI_MODVERSION
  with 3-digit. libffi 3.1 returns just 2-digit.
  [ruby-core:62920] [Bug #9897]
```

History

#1 - 06/03/2014 06:42 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

Does this work?

```
diff --git a/ext/fiddle/extconf.rb b/ext/fiddle/extconf.rb
index 2190aa9..466d77e 100644
--- a/ext/fiddle/extconf.rb
+++ b/ext/fiddle/extconf.rb
@@ -7,7 +7,8 @@ dir_config 'libffi'
  pkg_config("libffi")
  if ver = pkg_config("libffi", "modversion")
    ver = ver.gsub(/-rc\d+/, '') # If ver contains rc version, just ignored.
-  $defs.push(%{-DRUBY_LIBFFI_MODVERSION=#{ '%d%03d%03d' % ver.split('.') }})
+  ver = (ver.split('.') + [0,0])[0,3]
+  $defs.push(%{-DRUBY_LIBFFI_MODVERSION=#{ '%d%03d%03d' % ver }})
  end

unless have_header('ffi.h')
```

#2 - 06/05/2014 09:48 AM - jue (Juergen Daubert)

Yes, that works :) Thank you very much for the quick fix.

#3 - 06/21/2014 03:54 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN to 2.0.0: REQUIRED, 2.1: REQUIRED

#4 - 06/21/2014 03:54 AM - nobu (Nobuyoshi Nakada)

- Status changed from Feedback to Closed

- % Done changed from 0 to 100

Applied in changeset r46485.

fiddle/extconf.rb: supply 0

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#5 - 06/29/2014 05:00 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: REQUIRED, 2.1: REQUIRED to 2.0.0: REQUIRED, 2.1: DONE

Backported into ruby_2_1 branch at r46609.

#6 - 07/07/2014 02:54 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: REQUIRED, 2.1: DONE to 2.0.0: DONTNEED, 2.1: DONE