mkmf: Directory names with spaces cause invalid Makefiles to be generated

03/27/2010 06:50 AM - emerose (Sam Quigley)

Status: Closed
Priority: Normal
Assignee: nobu (Nobuyoshi Nakada)
Target version: 2.0.0
ruby -v:
  ruby 1.9.1p378 (2010-01-10 revision 26273) [i386-darwin10.2.0]
Backport:

Description
=begin
mkmf does not properly quote or escape directory names containing spaces, and thus creates invalid Makefiles. For example, a recent run of mkmf created a Makefile containing:

BINDIR = $(bindir)
RUBYCOMMANDIR = $(sitedir)$(@target_prefix)

When make is run, it fails with the following errors:

[...]
make
Makefile:122: warning: ignoring old commands for target/Users/sq/Code/Third'
[...]
make install
Makefile:122: warning: ignoring old commands for target/Users/sq/Code/Third'
mkdir -p /Users/sq/Code/Third
/opt/local/bin/ginstall -c -m 0755 bcrypt_ext.bundle /Users/sq/Code/Third Party/flint/vendor/gems/bcrypt-ruby-2.1.2/lib
/opt/local/bin/ginstall: omitting directory `/Users/sq/Code/Third'
=end

This issue (or something very similar) was reported as Ruby bug #2308 on 2005-08-25 here:
=end

Related issues:
Has duplicate Ruby master - Bug #7036: Compiling extensions with Ruby in a pa...
Closed 09/18/2012

History
#1 - 03/28/2010 01:04 PM - mame (Yusuke Endoh)
=begin
Hi,

2010/3/27 Sam Quigley redmine@ruby-lang.org:

  mkmf does not properly quote or escape directory names containing spaces, and thus creates invalid Makefiles.

Thank you for your reporting and investigating.

I think this is absolutely a bug. But, I'm afraid that it takes some time to fix and make it stable this kind of bugs.
Even if it seems to be fixed, hard-to-find regression bug might be included, which leads to build failure of existing libraries on some environments.

In addition, this issue can be avoided easily by avoiding such a path that is likely to cause problem.
=end

08/07/2021
So, I think we should not fix it hurriedly. I suggest to defer this ticket to 1.9.3.

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Yusuke ENDOH mame@tsg.ne.jp
=end

#2 - 04/09/2010 01:08 AM - mame (Yusuke Endoh)
- Target version set to 2.0.0

=begin
=end

#3 - 06/26/2011 02:48 PM - naruse (Yui NARUSE)
- Status changed from Open to Assigned
- Assignee set to nobu (Nobuyoshi Nakada)

#4 - 06/26/2011 11:12 PM - nahi (Hiroshi Nakamura)
- Target version changed from 2.0.0 to 1.9.3

#5 - 12/09/2012 10:20 PM - mame (Yusuke Endoh)
- Priority changed from Normal to 5
- Target version changed from 1.9.3 to 2.0.0

Nobu, could you check this?

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Yusuke Endoh mame@tsg.ne.jp

#6 - 12/12/2012 10:06 PM - nobu (Nobuyoshi Nakada)
- Status changed from Assigned to Closed