

Ruby trunk - Bug #8115

make install DESTDIR=/my/install/path fails

03/18/2013 09:52 PM - vo.x (Vit Ondruch)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	ruby 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]	Backport: 2.0.0: DONE, 2.1: DONE
Description =begin In Fedora packaging, we used to use (({make install DESTDIR=/my/install/path})) to install compiled extension into the folder, which RPM used to pick up the extension. However, since Ruby 2.0.0, this approach fails with message such as; make install DESTDIR=/builddir/build/BUILDROOT/ruby-mysql-2.8.2-9.fc20.i386 make: *** No rule to make target /builddir/build/BUILDROOT/ruby-mysql-2.8.2-9.fc20.i386/usr/include/ruby.h', needed bymysql.o'. Stop. Apparently, the mkmf creates Makefile, where everything depends on DESTDIR (see the diff of makefiles here [1]). This is wrong IMO, since obviously Ruby's header files location has nothing to do with location I'd like to install my libraries. Could you fix this issue? Or if that was always wrong approach, could you provide us better one? Please note that this was originally reported here: https://bugzilla.redhat.com/show_bug.cgi?id=921650 [1] https://gist.github.com/voxiK/5186924 =end		

Associated revisions

Revision 7e1d5045 - 03/20/2013 01:52 PM - nobu (Nobuyoshi Nakada)

mkmf.rb: prefix install_dirs only with DESTDIR

- lib/mkmf.rb (install_dirs, with_destdir): prefix with DESTDIR directories to install only unless bundled extension libraries. [ruby-core:53502] [Bug #8115]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39841 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 39841 - 03/20/2013 01:52 PM - nobu (Nobuyoshi Nakada)

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- lib/mkmf.rb (install_dirs, with_destdir): prefix with DESTDIR directories to install only unless bundled extension libraries. [ruby-core:53502] [Bug #8115]

Revision fdae1084 - 06/08/2013 05:37 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 39841: [Backport #8115]

```
* lib/mkmf.rb (install_dirs, with_destdir): prefix with DESTDIR
  directories to install only unless bundled extension libraries.
  [ruby-core:53502] [Bug #8115]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@41193 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 70658c38 - 06/26/2013 07:42 AM - nobu (Nobuyoshi Nakada)

mkmf.rb: use expanded values

- lib/mkmf.rb: should use expanded values for header directories unless extmk. patch by vo.x (Vit Ondruch) at [ruby-core:55653] [Bug #8115], rhbz#921650.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41648 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 41648 - 06/26/2013 07:42 AM - nobu (Nobuyoshi Nakada)

mkmf.rb: use expanded values

- lib/mkmf.rb: should use expanded values for header directories unless extmk. patch by vo.x (Vit Ondruch) at [ruby-core:55653] [Bug #8115], rhbz#921650.

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Revision 3da1f24e - 06/26/2013 02:03 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 41648: [Backport #8115]

```
* lib/mkmf.rb: should use expanded values for header directories
unless extmk. patch by vo.x (Vit Ondruch) at [ruby-core:55653]
[Bug #8115], rhbz#921650.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@41658 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 48ebee71 - 07/03/2013 09:12 AM - nobu (Nobuyoshi Nakada)

mkmf.rb: revert DESTDIR prefix

- lib/mkmf.rb (install_dirs): revert DESTDIR prefix by r39841, since it is fixed by r41648. [ruby-core:55760] [Bug #8115]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41756 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 41756 - 07/03/2013 09:12 AM - nobu (Nobuyoshi Nakada)

mkmf.rb: revert DESTDIR prefix

- lib/mkmf.rb (install_dirs): revert DESTDIR prefix by r39841, since it is fixed by r41648. [ruby-core:55760] [Bug #8115]

Revision 41756 - 07/03/2013 09:12 AM - nobu (Nobuyoshi Nakada)

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mkmf.rb: revert DESTDIR prefix

- lib/mkmf.rb (install_dirs): revert DESTDIR prefix by r39841, since it is fixed by r41648. [ruby-core:55760] [Bug #8115]

Revision 8d4aeb83 - 01/30/2015 07:10 AM - usa (Usaku NAKAMURA)

merge revision(s) 41756: [Backport #8115]

```
* lib/mkmf.rb (install_dirs): revert DESTDIR prefix by r39841, since
it is fixed by r41648. [ruby-core:55760] [Bug #8115]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@49444 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 49444 - 01/30/2015 07:10 AM - usa (Usaku NAKAMURA)

merge revision(s) 41756: [Backport #8115]

```
* lib/mkmf.rb (install_dirs): revert DESTDIR prefix by r39841, since
it is fixed by r41648. [ruby-core:55760] [Bug #8115]
```

History

#1 - 03/20/2013 10:52 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r39841.
Vit, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

mkmf.rb: prefix install_dirs only with DESTDIR

- lib/mkmf.rb (install_dirs, with_destdir): prefix with DESTDIR directories to install only unless bundled extension libraries. [ruby-core:53502] [Bug #8115]

#2 - 04/11/2013 12:16 AM - vo.x (Vit Ondruch)

- File Makefile added
- Status changed from Closed to Assigned

I backported the patch for Ruby 2.0.0-p0, but I can't see any difference. I might be doing something wrong, but I am afraid that the patch does not fixes our issues. Please see the attached Makefile. Thank you.

#3 - 05/21/2013 10:00 PM - vo.x (Vit Ondruch)

This is still issue for -p195 :/

#4 - 05/22/2013 10:47 AM - nobu (Nobuyoshi Nakada)

- Tracker changed from Bug to Backport
- Project changed from Ruby trunk to Backport200
- Category deleted (build)
- Assignee changed from nobu (Nobuyoshi Nakada) to nagachika (Tomoyuki Chikanaga)

#5 - 06/09/2013 02:37 AM - nagachika (Tomoyuki Chikanaga)

- Status changed from Assigned to Closed

This issue was solved with changeset r41193.
Vit, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 39841: [Backport #8115]

```
* lib/mkmf.rb (install_dirs, with_destdir): prefix with DESTDIR
  directories to install only unless bundled extension libraries.
  [ruby-core:53502] [Bug #8115]
```

#6 - 06/09/2013 02:41 AM - nagachika (Tomoyuki Chikanaga)

Sorry for late response.

I've merged r39841 to ruby_2_0_0 at r41193.

Vit:
Please check ruby-2.0.0 patchlevel 214 or higher.
If this issue is not fixed, please reopen this ticket or create a new one.

Regards,

#7 - 06/10/2013 08:14 PM - jstribny (Josef Stribny)

This doesn't seem to help.

I am still getting the following error with the generated Makefile[1]

```
+ ruby extconf.rb --vendor --with-mysql-config
checking for mysql_ssl_set()... yes
checking for rb_str_set_len()... yes
checking for rb_thread_start_timer()... no
checking for mysql.h... yes
extconf.rb:40:in `': Use RbConfig instead of obsolete and deprecated Config.
extconf.rb:40:in `': Use RbConfig instead of obsolete and deprecated Config.
creating Makefile
```

```
+ make -j4
gcc -I. -I/usr/include/x86_64-linux -I/usr/include/ruby/backward -I/usr/include -I. -DHAVE_MYSQL_SSL_SET -DHAVE_RB_STR_SET_LEN -DHAVE_MYSQL_H -I/usr/include/mysql -g -pipe -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=4 -grecord-gcc-switches -m64 -D_GNU_SOURCE -D_FILE_OFFSET_BITS=64 -D_LARGEFILE_SOURCE -fPIC -g -static-libgcc -fno-omit-frame-pointer -fno-strict-aliasing -DMY_PTHREAD_FASTMUTEX=1 -fPIC -O2 -g -pipe -Wall -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=4 -grecord-gcc-switches -m64 -mtune=generic -m64 -o mysql.o -c mysql.c
rm -f mysql.so
gcc -shared -o mysql.so mysql.o -L. -L/usr/lib64 -L. -Wl,-z,relro -fstack-protector -rdynamic -Wl,-export-dynamic -m64 -lruby -L/usr/lib64/mysql -lmysqlclient -lpthread -lz -lm -lssl -lcrypto -ldl -lpthread -lrt -ldl -lcrypt -lm -lc
+ exit 0
...
+ make install DESTDIR=/builddir/build/BUILDDIR/ruby-mysql-2.8.2-9.fc20.x86_64
make: *** No rule to make target `/builddir/build/BUILDDIR/ruby-mysql-2.8.2-9.fc20.x86_64/usr/include/ruby.h', needed by `mysql.o'. Stop.
```

Ruby version:

ruby -v

ruby 2.0.0p214 (2013-06-09 revision 41193) [x86_64-linux]

[1] <https://gist.github.com/strzibny/5748006>

#8 - 06/10/2013 08:24 PM - nagachika (Tomoyuki Chikanaga)

- *Tracker changed from Backport to Bug*
- *Project changed from Backport200 to Ruby trunk*
- *Status changed from Closed to Assigned*
- *Assignee changed from nagachika (Tomoyuki Chikanaga) to nobu (Nobuyoshi Nakada)*

Hello, Josef.

Thank you for your report.

I reopen this ticket.

#9 - 06/12/2013 12:05 AM - nobu (Nobuyoshi Nakada)

- *Category set to ext*
- *ruby -v set to 2.0.0*

[jstribny \(Josef Stribny\)](#), how did you configure p214?

#10 - 06/13/2013 05:14 AM - vo.x (Vit Ondruch)

nobu (Nobuyoshi Nakada) wrote:

[jstribny \(Josef Stribny\)](#), how did you configure p214?

Please see Fedora Ruby's build log: <http://kojipkgs.fedoraproject.org/packages/ruby/2.0.0.195/8.fc20/data/logs/i686/build.log>

#11 - 06/26/2013 04:54 AM - vo.x (Vit Ondruch)

- *File 0001-mkrmf-s-system-configuration-should-use-expanded-valu.patch added*

This seems to be related to r37015. Prior this commit, there used to be \$hdrdir = RbConfig::CONFIG["rubyhdrdir"], i.e. \$hdrdir contained expanded path to Ruby's header files, while after the r37015 changes it essentially to use \$hdrdir = RbConfig::MAKEFILE_CONFIG["rubyhdrdir"], which contains the additional \$(DESTDIR) which is later wrongly evaluated. The attached patch should fix this issue.

#12 - 06/26/2013 04:42 PM - nobu (Nobuyoshi Nakada)

- *Status changed from Assigned to Closed*

This issue was solved with changeset r41648.

Vit, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

mkmf.rb: use expanded values

- lib/mkmf.rb: should use expanded values for header directories unless extmk. patch by vo.x (Vit Ondruch) at [ruby-core:55653] [Bug #8115], rhbz#921650.

#13 - 06/26/2013 10:41 PM - nagachika (Tomoyuki Chikanaga)

- Tracker changed from Bug to Backport
- Project changed from Ruby trunk to Backport200
- Category deleted (ext)
- Status changed from Closed to Assigned
- Assignee changed from nobu (Nobuyoshi Nakada) to nagachika (Tomoyuki Chikanaga)

#14 - 06/26/2013 11:03 PM - nagachika (Tomoyuki Chikanaga)

- Status changed from Assigned to Closed

This issue was solved with changeset r41658.
Vit, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 41648: [Backport #8115]

```
* lib/mkmf.rb: should use expanded values for header directories
  unless extmk. patch by vo.x (Vit Ondruch) at [ruby-core:55653]
  [Bug #8115], rhbz#921650.
```

#15 - 06/26/2013 11:42 PM - vo.x (Vit Ondruch)

Thank you for applying and backporting the patch.

#16 - 06/27/2013 11:31 PM - usa (Usaku NAKAMURA)

- Project changed from Backport200 to Ruby trunk
- Status changed from Closed to Assigned
- Assignee changed from nagachika (Tomoyuki Chikanaga) to nobu (Nobuyoshi Nakada)
- Tracker changed from Backport to Bug

On Windows, when making extensions, `nmake install` now causes error because rubylibprefix (and others) has "C:C:" prefix.
I think we need to split ruby's path and extensions one more strictly.

#17 - 07/02/2013 06:48 PM - vo.x (Vit Ondruch)

- ruby -v set to ruby 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]

usa (Usaku NAKAMURA) wrote:

On Windows, when making extensions, `nmake install` now causes error because rubylibprefix (and others) has "C:C:" prefix.
I think we need to split ruby's path and extensions one more strictly.

I would say that r39841 should be reverted, since it never fixed my issues. Moreover, it introduces another issue, e.g. from my makefile:

```
vendorarchdir = $(DESTDIR)/usr/lib64/ruby/vendor_ruby
RUBYARCHDIR = $(DESTDIR)$(vendorarchdir)$(target_prefix)
```

i.e. \$(DESTDIR) is applied 2 times.

Not sure how I tested my patch, though. Sorry :/

#18 - 07/03/2013 06:13 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

This issue was solved with changeset r41756.
Vit, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

mkmf.rb: revert DESTDIR prefix

- lib/mkmf.rb (install_dirs): revert DESTDIR prefix by r39841, since it is fixed by r41648. [ruby-core:55760] [Bug [#8115](#)]

#19 - 01/18/2015 05:41 AM - nobu (Nobuyoshi Nakada)

- Backport set to 2.0.0: *REQUIRED*, 2.1: *DONE*

#20 - 01/30/2015 07:10 AM - usa (Usaku NAKAMURA)

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

ruby_2_0_0 r49444 merged revision(s) 41756.

Files

Makefile	7.1 KB	04/11/2013	vo.x (Vit Ondruch)
0001-mkmf-s-system-configuration-should-use-expanded-valu.patch	1 KB	06/26/2013	vo.x (Vit Ondruch)