

Ruby trunk - Bug #13413

--with-static-linked-ext doesn't install extension files on `make install`

04/09/2017 01:51 PM - mistydemeo (Misty De Meo)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:		
ruby -v:	ruby 2.3.1p112 (2016-04-26 revision 54768) [x86_64-darwin16]	Backport: 2.2: DONTNEED, 2.3: DONE, 2.4: DONE
Description		
<p>When compiling Ruby using the --with-static-linked-ext option, ext content is not installed into Ruby's lib directory. For modules which include pure Ruby content, it means that those parts of the module can't be required. For example, date's date.rb isn't installed into /lib/ruby/\$ABI_VERSION; require "date_core" works, but require "date" doesn't.</p> <p>I've confirmed that this bug occurs on versions 2.3.1 through 2.4.1 and on trunk; it doesn't occur on 2.2.7 and older. I was not able to test on 2.3.0 due to what appears to be an unrelated static linked ext bug. In 2.4 and trunk, make install fails to complete due to the inability to require an ext module required as part of the install process; in 2.3, make install completes.</p> <p>Ruby was configured with the following options:</p> <pre>--prefix=/usr/local/Cellar/portable-ruby-trunk/HEAD-9638295 --enable-load-relative --with-static-linked-ext --disable-dln --without-ext=tk,sdbm,gdbm,dbm,dl,coverage,fiddle --disable-install-doc --disable-install-rdoc --disable-dtrace --with-opt-dir=/usr/local/opt/portable-readline:/usr/local/opt/portable-libyaml:/usr/local/opt/portable-openssl</pre> <p>Full build logs are available here: https://gist.github.com/b33108e03ed6eeda30c4e004a81284b3</p>		

Associated revisions

Revision 57446 - 01/28/2017 05:02 AM - nobu (Nobuyoshi Nakada)

mkmf.rb: fix script installation

- lib/mkmf.rb (MakeMakefile): fix condition to install script files.

Revision e1f73c32 - 07/07/2017 06:00 AM - usa (Usaku NAKAMURA)

merge revision(s) 57446: [Backport #13413]

```
mkmf.rb: fix script installation
```

```
* lib/mkmf.rb (MakeMakefile): fix condition to install script files.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@59277 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59277 - 07/07/2017 06:00 AM - usa (Usaku NAKAMURA)

merge revision(s) 57446: [Backport #13413]

```
mkmf.rb: fix script installation
```

```
* lib/mkmf.rb (MakeMakefile): fix condition to install script files.
```

Revision b1b4772f - 07/23/2017 07:46 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 57446: [Backport #13413]

```
mkmf.rb: fix script installation
```

```
* lib/mkmf.rb (MakeMakefile): fix condition to install script files.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@59402 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59402 - 07/23/2017 07:46 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 57446: [Backport #13413]

```
mkmf.rb: fix script installation
```

```
* lib/mkmf.rb (MakeMakefile): fix condition to install script files.
```

History

#1 - 05/19/2017 07:26 AM - ko1 (Koichi Sasada)

- Assignee set to nobu (Nobuyoshi Nakada)
- Status changed from Open to Assigned

#2 - 06/03/2017 02:20 PM - arnoldwald (arnold w)

The ext subdirectory Makefile's don't seem to invoke the "install-rb" rule during a static build.

As a workaround I ran this command before "make install":

```
find ext -name Makefile | xargs -L 1 sed -i "s/static: \$/static: install-rb \$/"
```

#3 - 07/07/2017 12:35 AM - mistydemeo (Misty De Meo)

Found the commit that's responsible - r51756 (50226fb61cb10c5be9e2745e7b1a29228987a4ee in the github mirror).

This does adjust the logic surrounding the STATIC_LIB target and whether or not to add install-rb. At a glance, making the second check `!$extmk ? "install-rb" : ""` may have been a typo, since the original version checked for `$extout ? "install-rb" : ""`.

#4 - 07/07/2017 01:05 AM - mistydemeo (Misty De Meo)

After some research, I discovered that this has since been fixed in trunk. It was fixed by r57446 (git b3dbeb6e90f). I can't test if this fixes the trunk build, which fails for what may or may not be unrelated reasons, but backporting this patch to 2.3 and 2.4 fixes the issue.

Please backport r57446 to the 2.3 and 2.4 branches; I'll continue diagnosing the build error I'm seeing in trunk. :)

#5 - 07/07/2017 04:47 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN to 2.2: DONTNEED, 2.3: REQUIRED, 2.4: DONTNEED
- Status changed from Assigned to Closed

#6 - 07/07/2017 05:39 AM - mistydemeo (Misty De Meo)

2.4: DONTNEED

Thank you for marking this for backport! The backport is needed for 2.4 as well.

#7 - 07/07/2017 06:00 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.2: DONTNEED, 2.3: REQUIRED, 2.4: DONTNEED to 2.2: DONTNEED, 2.3: DONE, 2.4: DONTNEED

ruby_2_3 r59277 merged revision(s) 57446.

#8 - 07/07/2017 06:02 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.2: DONTNEED, 2.3: DONE, 2.4: DONTNEED to 2.2: DONTNEED, 2.3: DONE, 2.4: REQUIRED

#9 - 07/23/2017 07:46 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.2: DONTNEED, 2.3: DONE, 2.4: REQUIRED to 2.2: DONTNEED, 2.3: DONE, 2.4: DONE

ruby_2_4 r59402 merged revision(s) 57446.