

## FreeBSD Administration - Bug #464

### Error Installing Nokogiri Using Bundler on FreeBSD

09/24/2014 12:03 PM - Daniel Curtis

<b>Status:</b>	Closed	<b>Start date:</b>	09/24/2014
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	90%
<b>Category:</b>	Ruby	<b>Estimated time:</b>	0.20 hour
<b>Target version:</b>	FreeBSD 9	<b>Spent time:</b>	0.50 hour

#### Description

I encountered a problem while adding plugins to one redmine while running bundle install.

- Try to install plugins for redmine:

```
cd /usr/local/www/redmine
bundle install --path vendor/bundle
```

- Resulted in:

```
Building nokogiri using packaged libraries.
```

```
Gem::Installer::ExtensionBuildError: ERROR: Failed to build gem native extension.
```

```
      /usr/local/bin/ruby19 extconf.rb
Building nokogiri using packaged libraries.
-----
libiconv is missing. please visit http://nokogiri.org/tutorials/installing\_nokogiri.html
for help with installing dependencies.
-----
*** extconf.rb failed ***
Could not create Makefile due to some reason, probably lack of
necessary libraries and/or headers. Check the mkmf.log file for more
details. You may need configuration options.
```

Provided configuration options:

```
--with-opt-dir
--without-opt-dir
--with-opt-include
--without-opt-include=${opt-dir}/include
--with-opt-lib
--without-opt-lib=${opt-dir}/lib
--with-make-prog
--without-make-prog
--srcdir=.
--curdir
--ruby=/usr/local/bin/ruby19
--help
--clean
--use-system-libraries
--enable-static
--disable-static
--with-zlib-dir
--without-zlib-dir
--with-zlib-include
--without-zlib-include=${zlib-dir}/include
--with-zlib-lib
--without-zlib-lib=${zlib-dir}/lib
--enable-cross-build
--disable-cross-build
```

```
Gem files will remain installed in /usr/local/www/redmine/vendor/bundle/ruby/1.9/gems/nokogiri-1.6.3.1 for inspection.
Results logged to /usr/local/www/redmine/vendor/bundle/ruby/1.9/gems/nokogiri-1.6.3.1/ext/nokogiri/gem_make.out
An error occurred while installing nokogiri (1.6.3.1), and Bundler cannot continue.
Make sure that `gem install nokogiri -v '1.6.3.1'` succeeds before bundling.
```

- And when I went to install the gem directly, I received the above error. A similar problem was reported on StackOverflow on OSX, and the solution was to use the system libraries for building the nokogiri gem:

```
gem install -v '1.6.3.1' -- --use-system-libraries
```

That allowed the gem to be installed, however it did not fix the problem happening with bundler.

- Another member on StackOverflow mentioned altering the bundler config:

```
bundle config build.nokogiri "--use-system-libraries"
```

And that did the trick!

NOTE: I needed to be root in order to install using the system libraries.

- Bundle install works again:

```
bundle install --path vendor/bundle
```

## Resources

- <https://stackoverflow.com/questions/23668684/issue-installing-nokogiri-in-bundle-install>

## History

### #1 - 09/24/2014 12:05 PM - Daniel Curtis

- Description updated

- Status changed from New to Resolved

- % Done changed from 10 to 90

### #2 - 09/28/2014 05:18 PM - Daniel Curtis

- Status changed from Resolved to Closed

### #3 - 10/17/2014 07:00 PM - Daniel Curtis

- Description updated

### #4 - 02/14/2015 10:38 AM - Daniel Curtis

- Subject changed from Error Installing Nokogiri Using Bundler on FreeBSD 9.2-RELEASE to Error Installing Nokogiri Using Bundler on FreeBSD

- Target version set to FreeBSD 9

### #5 - 02/14/2015 11:50 AM - Daniel Curtis

- Category set to Ruby