



# Fix: Failed to build gem native extension, cannot find ruby.h




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2 tài khoản khác

Under macOS Mojave 10.14.6, When I tried to do gem install jekyll locally, I met the following error:

```
mkmf.rb can't find header files for ruby at  
/System/Library/Frameworks/Ruby.framework/Versions/2.3/usr/lib/ruby/  
include/ruby.h
```

it is due to xcode has been upgraded, but the command line tool is not setting up correctly.

the solution is as following:

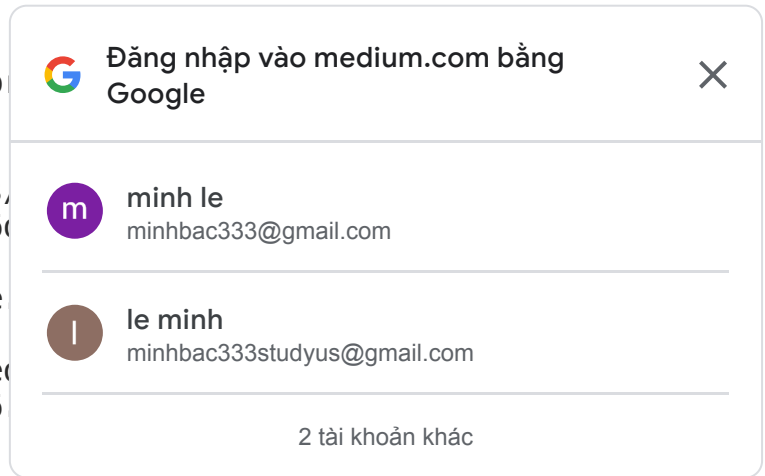
```
sudo rm -rf /Library/Developer/CommandLineTools  
xcode-select --install  
sudo xcodebuild -license accept  
open  
/Library/Developer/CommandLineTools/Packages/macOS_SDK_headers_for_m  
acOS_10.14.pkg
```

after fixed that error, continue to build jekyll, it complains ruby version is too low.

```
ERROR: Error installing jekyll:  
  jekyll-sass-converter requires Ruby version >= 2.4.0.  
~ moreless$ which ruby  
/usr/bin/ruby  
~ moreless$ brew upgrade ruby  
Warning: ruby 2.6.5 already installed
```

therefore, reinstall ruby, and got following message:

```
$ brew reinstall ruby
==> Reinstalling ruby
==> Downloading https://homebrew.
2.6.5.mojave.bottle.1.tar.gz
Already downloaded:
/Users/yonwang/Library/Caches/
271f628e7b87879c16b1954b0c886c
2.6.5.mojave.bottle.1.tar.gz
==> Pouring ruby-2.6.5.mojave
==> Caveats
By default, binaries installed
/usr/local/lib/ruby/gems/2.6
```



You may want to add this to your PATH.

ruby is keg-only, which means it was not symlinked into /usr/local, because macOS already provides this software and installing another version in parallel can cause all kinds of trouble.

If you need to have ruby first in your PATH run:

```
echo 'export PATH="/usr/local/opt/ruby/bin:$PATH"' >>
~/.bash_profile
```

For compilers to find ruby you may need to set:

```
export LDFLAGS="-L/usr/local/opt/ruby/lib"
export CPPFLAGS="-I/usr/local/opt/ruby/include"
```

After modifying .bash\_profile as suggested, path to ruby will be updated to the new path.

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