

Rails on Windows

1. Install Ruby
– rubyinstaller
– development kit

2. Install Rails

3. Make Project

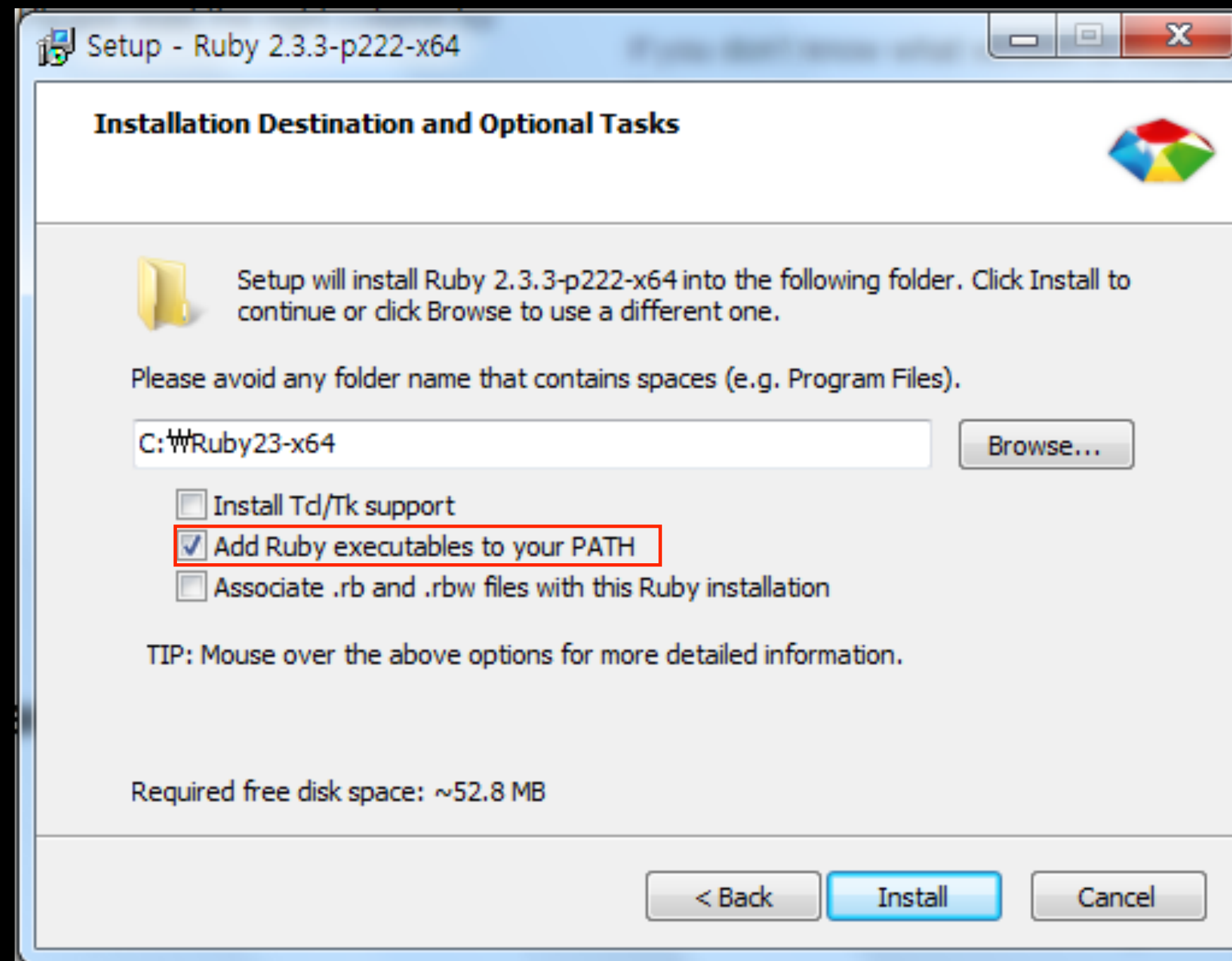
4. Install Editor
– atom

5. Run Project

1. Install Ruby

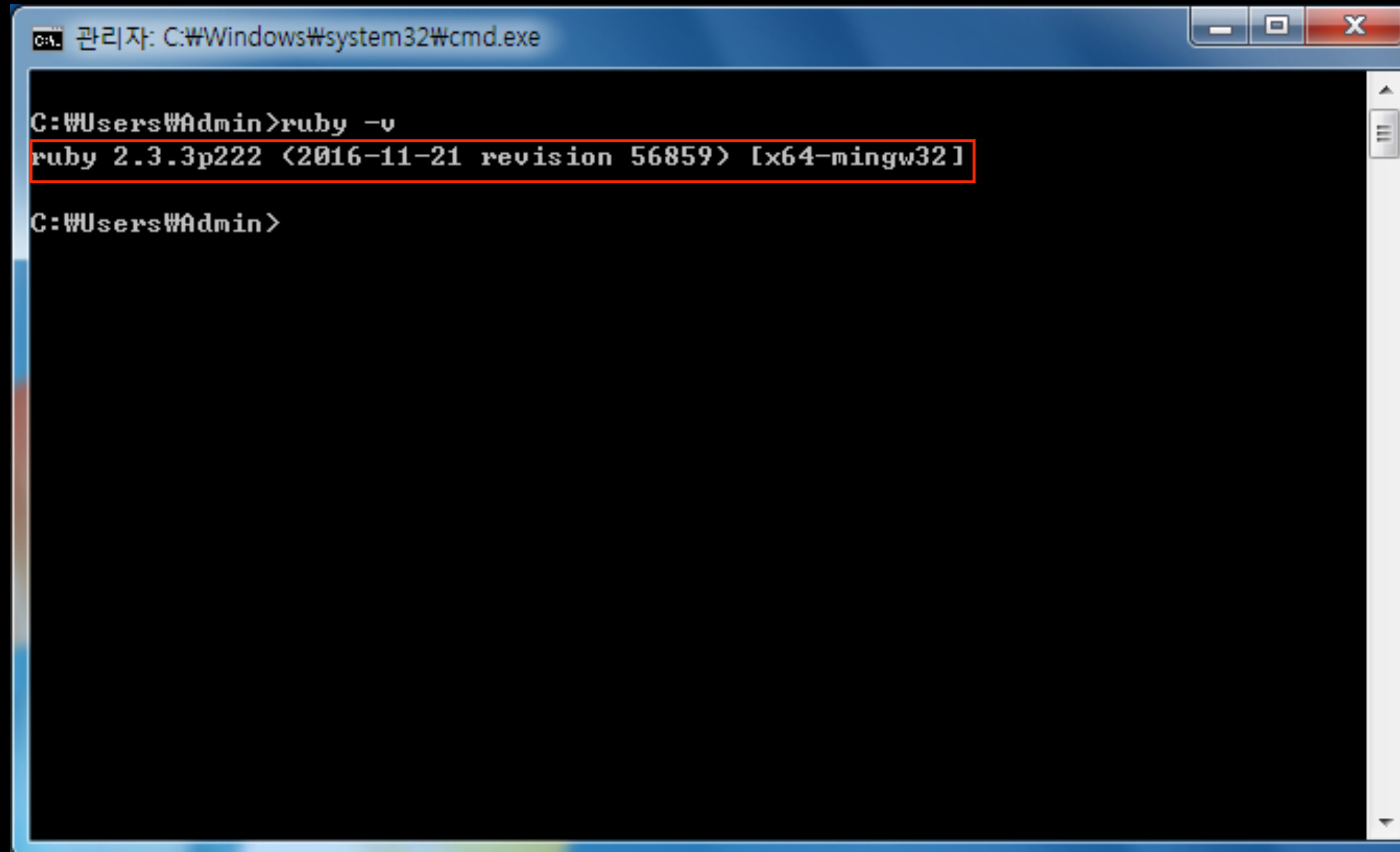
- rubyinstaller

<http://rubyinstaller.org/downloads>



- rubyinstaller

Windows + R
cmd



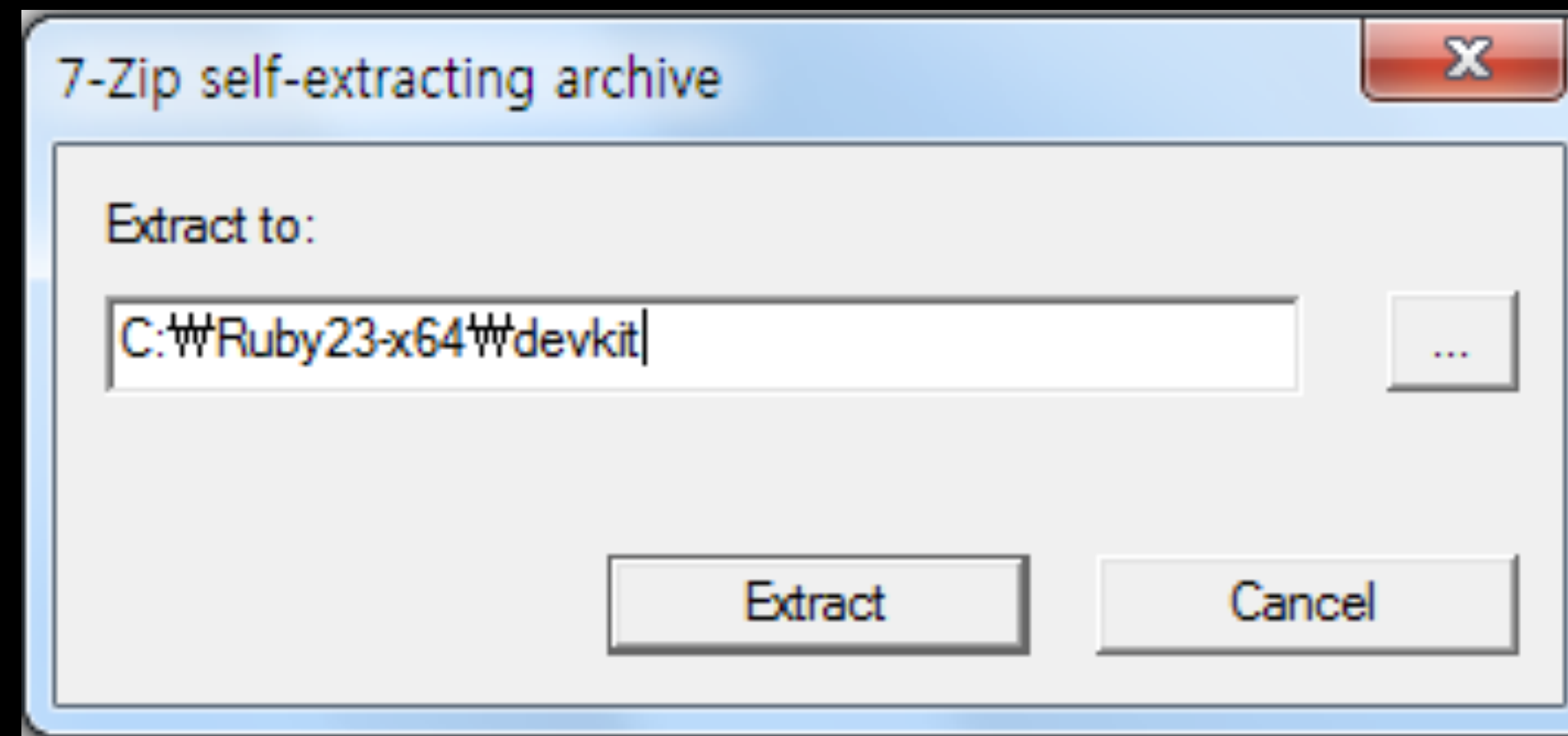
```
C:\Users\Admin>ruby -v
ruby 2.3.3p222 (2016-11-21 revision 56859) [x64-mingw32]
C:\Users\Admin>
```

The screenshot shows a Windows command prompt window titled "관리자: C:\Windows\system32\cmd.exe". The prompt is at "C:\Users\Admin>". The command "ruby -v" has been entered and executed, resulting in the output "ruby 2.3.3p222 (2016-11-21 revision 56859) [x64-mingw32]". The output line is highlighted with a red rectangular box. The prompt "C:\Users\Admin>" is visible again on the next line.

– development kit

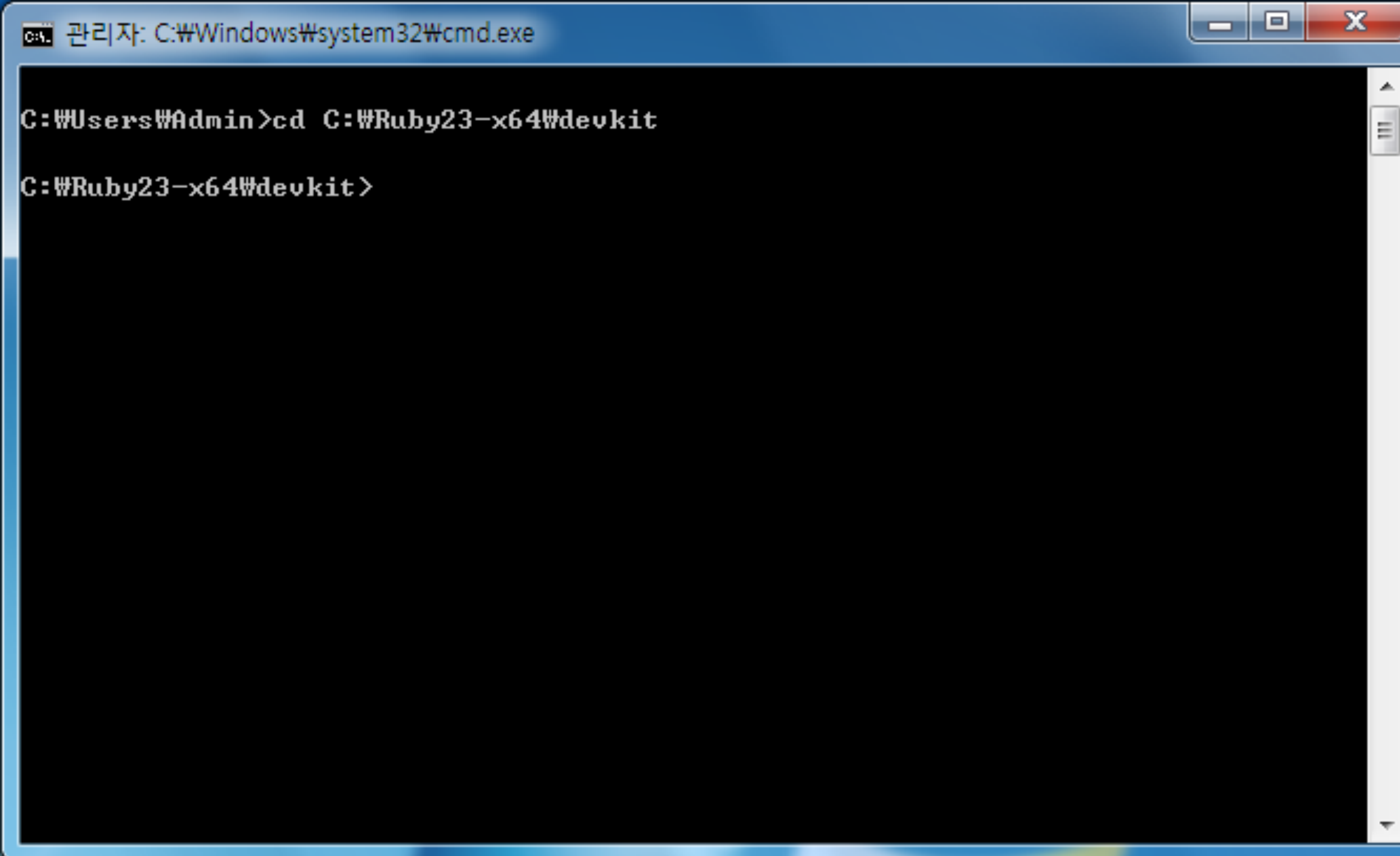
<http://rubyinstaller.org/downloads>

C:\Ruby23-x64\devkit



- development kit

`cd C:\Ruby23-x64\devkit`



```
C:\> 관리자: C:\Windows\system32\cmd.exe

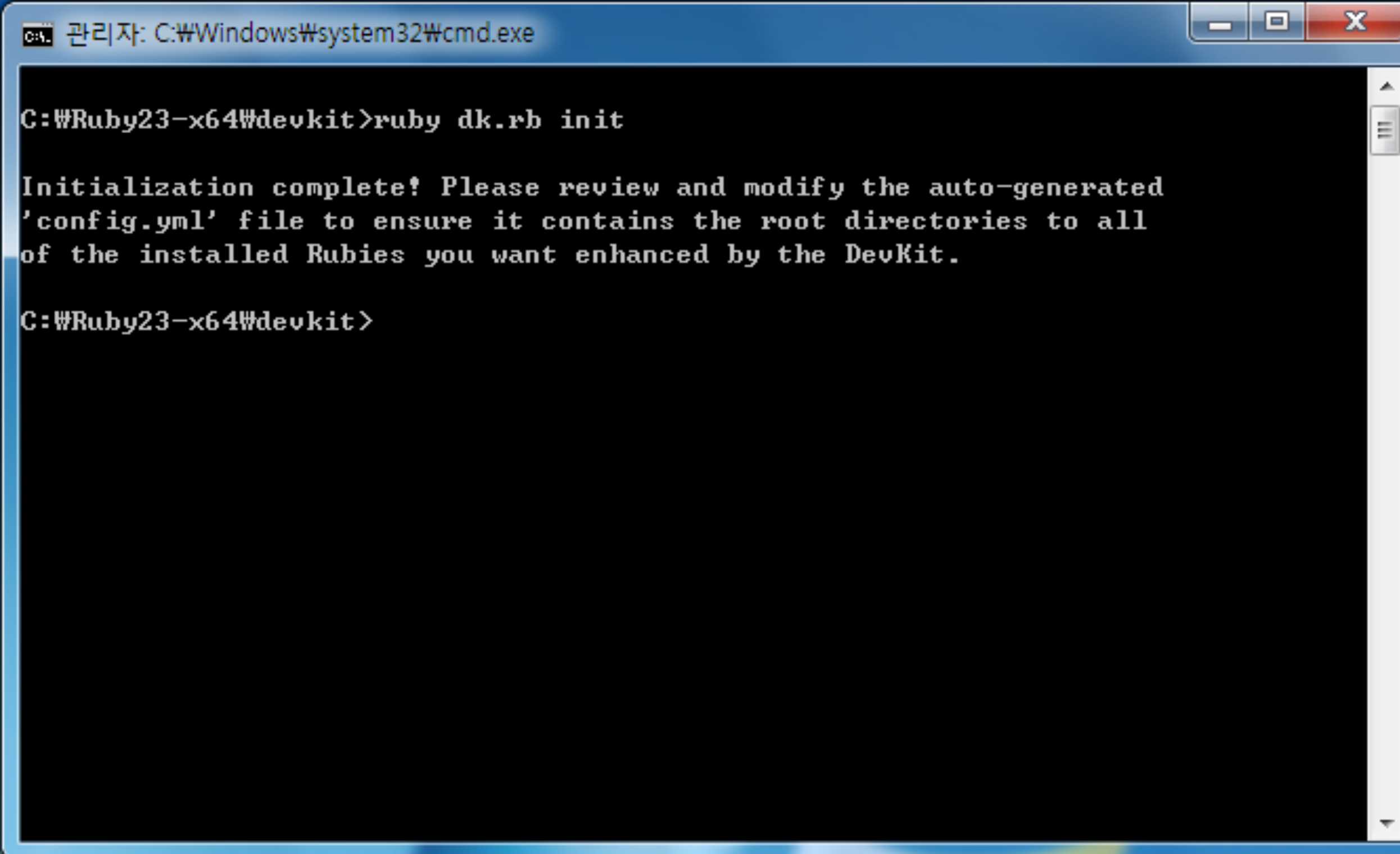
C:\Users\Admin>cd C:\Ruby23-x64\devkit

C:\Ruby23-x64\devkit>
```

The image shows a Windows command prompt window titled "관리자: C:\Windows\system32\cmd.exe". The prompt is at "C:\Users\Admin>" and the command "cd C:\Ruby23-x64\devkit" has been entered. The prompt has moved to "C:\Ruby23-x64\devkit>" on the next line, indicating the command was successful. The window has a blue title bar and standard Windows window controls (minimize, maximize, close) in the top right corner.

- development kit

ruby dk.rb init



```
관리자: C:\Windows\system32\cmd.exe

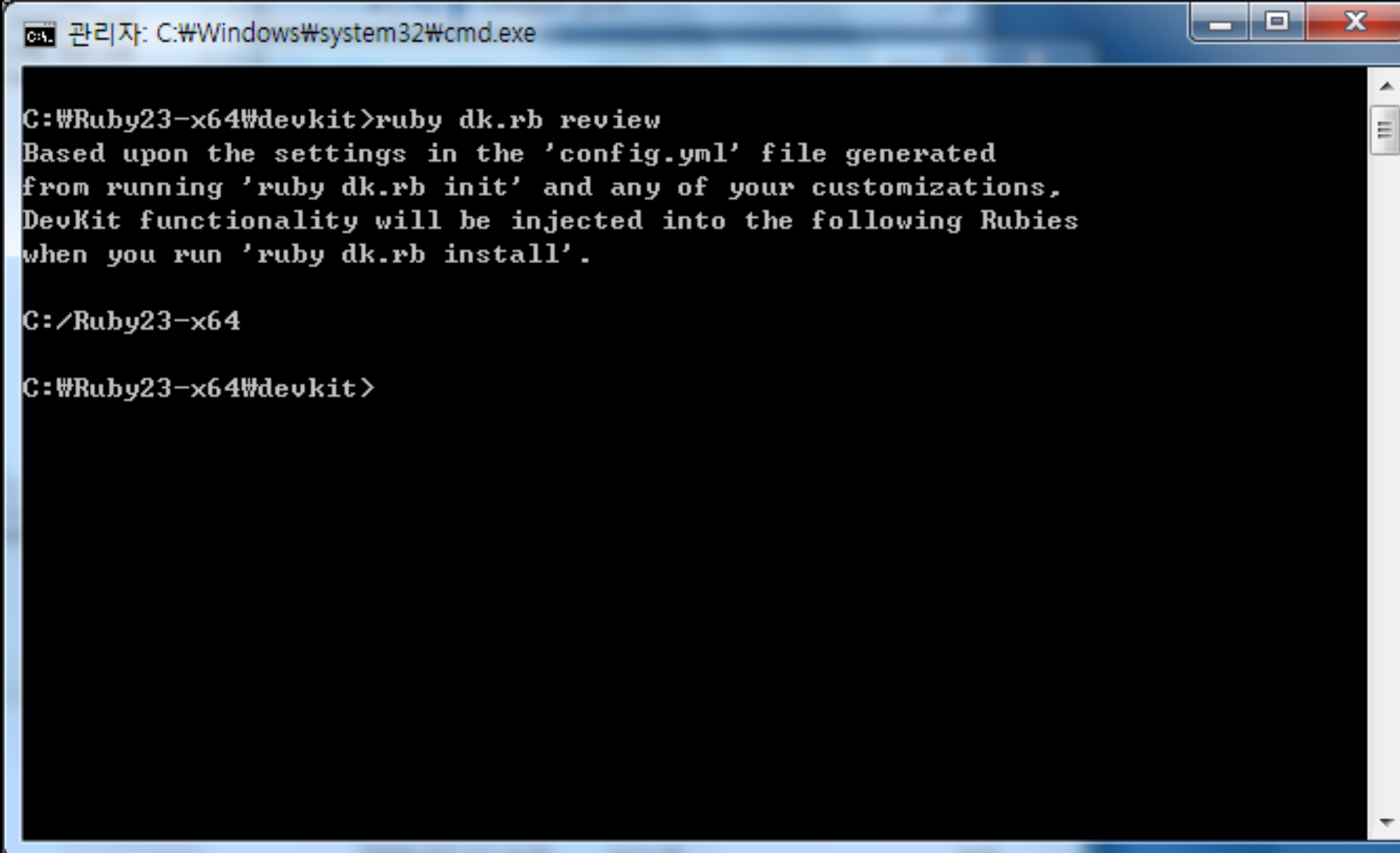
C:\Ruby23-x64\devkit>ruby dk.rb init

Initialization complete! Please review and modify the auto-generated
'config.yml' file to ensure it contains the root directories to all
of the installed Rubies you want enhanced by the DevKit.

C:\Ruby23-x64\devkit>
```


- development kit

ruby dk.rb review



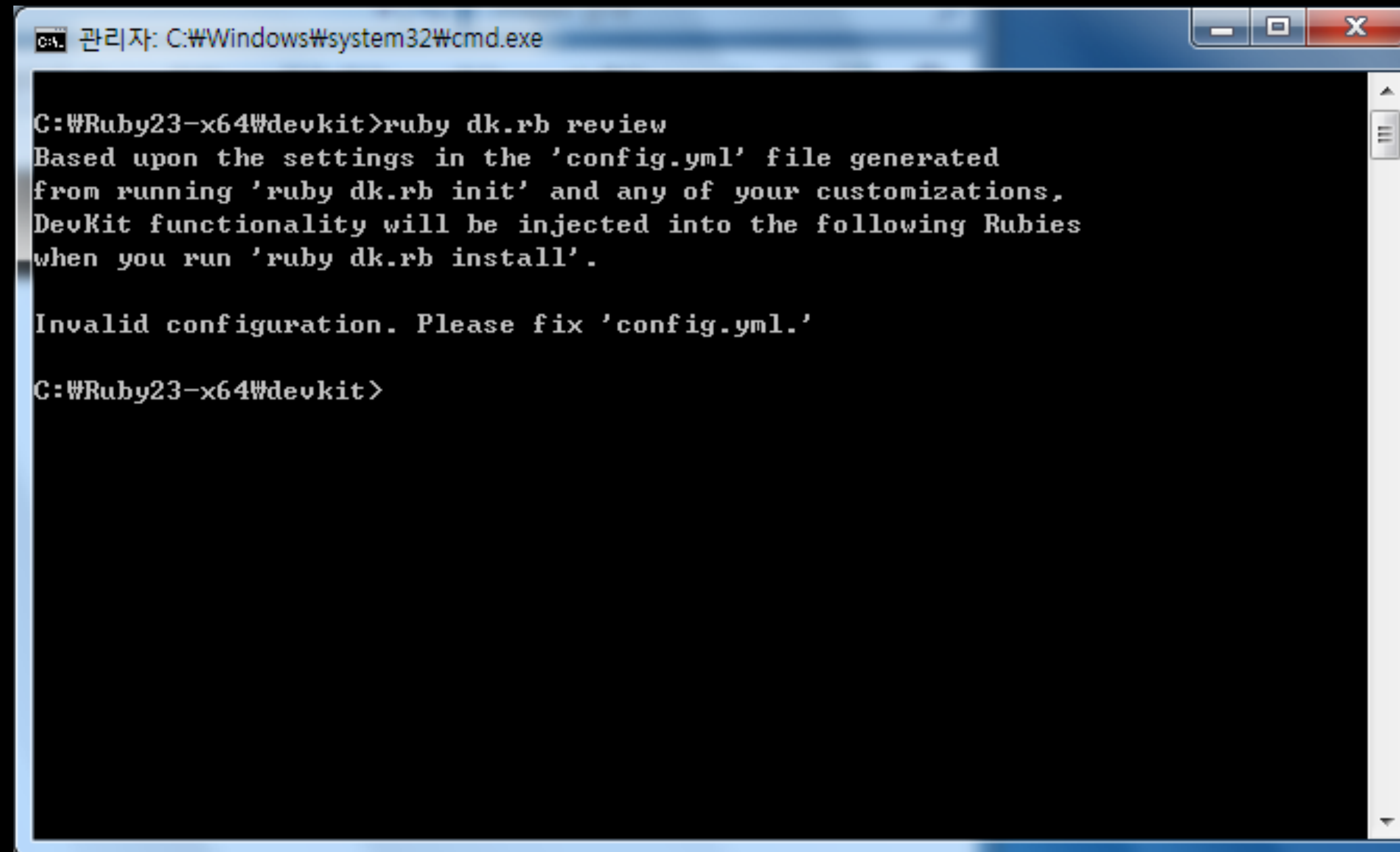
```
C:\Ruby23-x64\devkit>ruby dk.rb review
Based upon the settings in the 'config.yml' file generated
from running 'ruby dk.rb init' and any of your customizations,
DevKit functionality will be injected into the following Rubies
when you run 'ruby dk.rb install'.

C:/Ruby23-x64

C:\Ruby23-x64\devkit>
```

- development kit

만약 다음과 같은 메시지가 나온다면



```
C:\Ruby23-x64\devkit>ruby dk.rb review
Based upon the settings in the 'config.yml' file generated
from running 'ruby dk.rb init' and any of your customizations,
DevKit functionality will be injected into the following Rubies
when you run 'ruby dk.rb install'.

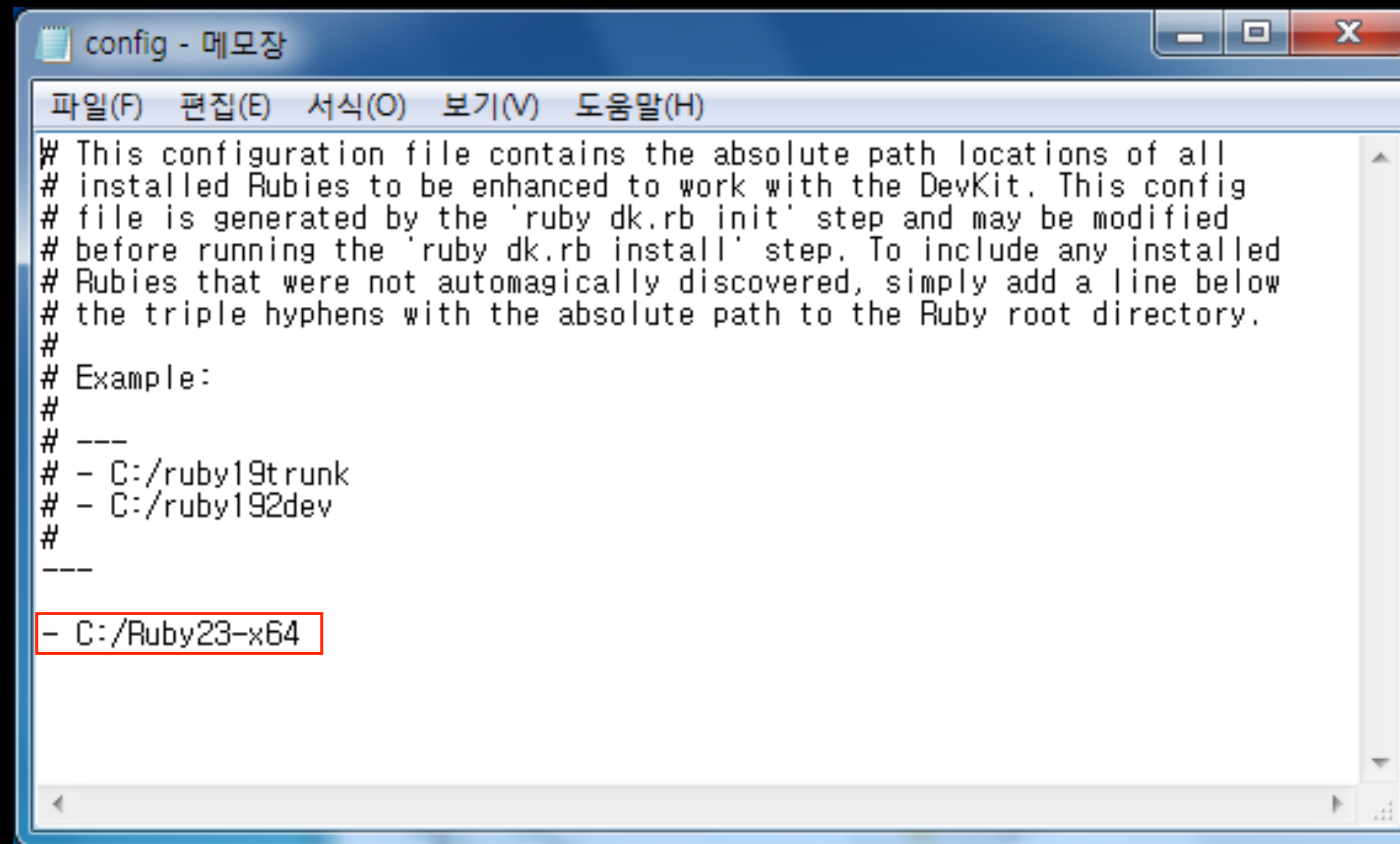
Invalid configuration. Please fix 'config.yml.'

C:\Ruby23-x64\devkit>
```

The screenshot shows a Windows command prompt window titled "관리자: C:\Windows\system32\cmd.exe". The prompt is at "C:\Ruby23-x64\devkit>". The user has entered "ruby dk.rb review". The output shows a message about the 'config.yml' file and an "Invalid configuration. Please fix 'config.yml.'" error. The prompt is now "C:\Ruby23-x64\devkit>".

- development kit

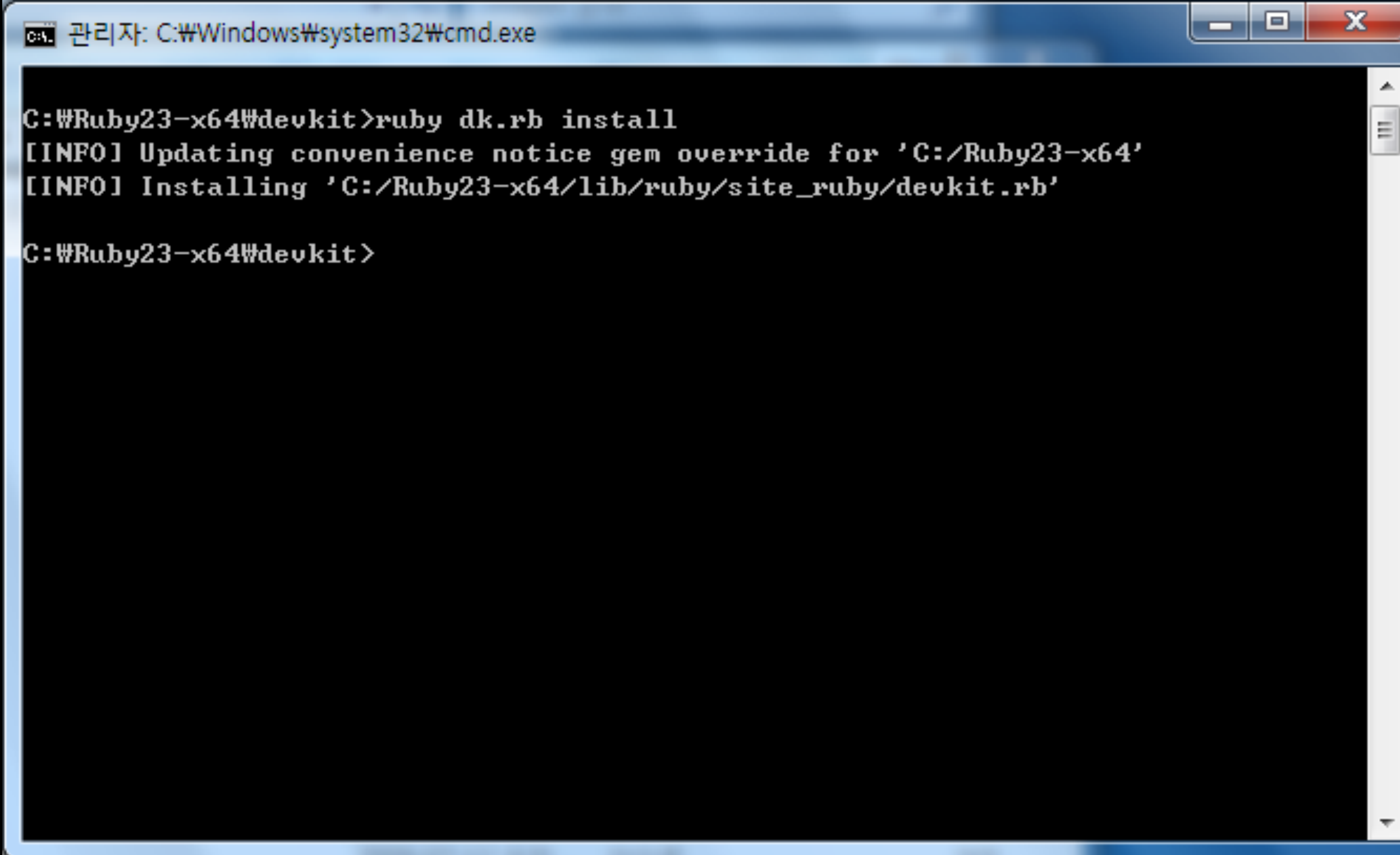
devkit 폴더 안의 config.yml 파일을 열어 아래와 같이
‘- C:/Ruby23-x64’를 추가합니다.



```
# This configuration file contains the absolute path locations of all
# installed Rubies to be enhanced to work with the DevKit. This config
# file is generated by the 'ruby dk.rb init' step and may be modified
# before running the 'ruby dk.rb install' step. To include any installed
# Rubies that were not automatically discovered, simply add a line below
# the triple hyphens with the absolute path to the Ruby root directory.
#
# Example:
#
# ---
# - C:/ruby19trunk
# - C:/ruby192dev
#
# ---
- C:/Ruby23-x64
```

- development kit

ruby dk.rb install



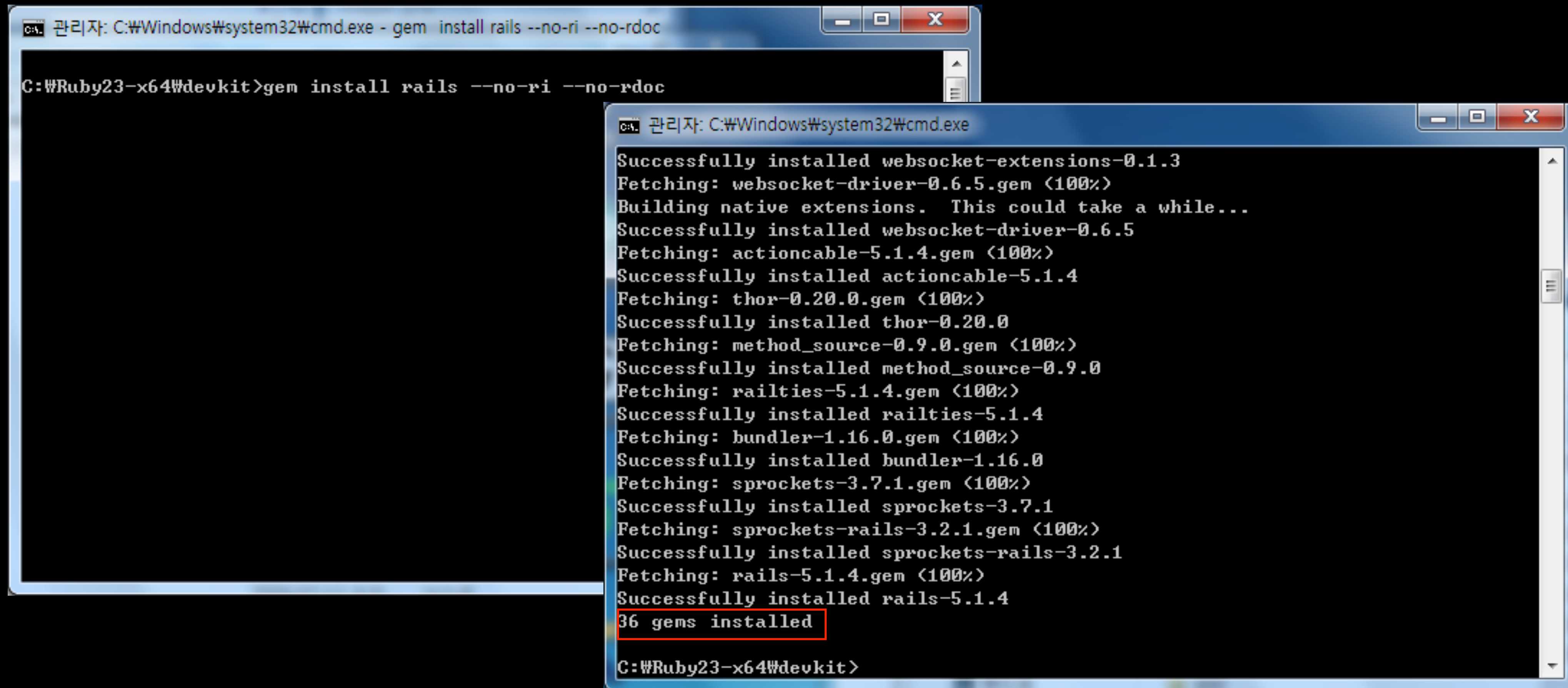
```
관리자: C:\Windows\system32\cmd.exe

C:\Ruby23-x64\devkit>ruby dk.rb install
[INFO] Updating convenience notice gem override for 'C:/Ruby23-x64'
[INFO] Installing 'C:/Ruby23-x64/lib/ruby/site_ruby/devkit.rb'

C:\Ruby23-x64\devkit>
```

2. Install Rails

gem install rails --no-ri --no-rdoc



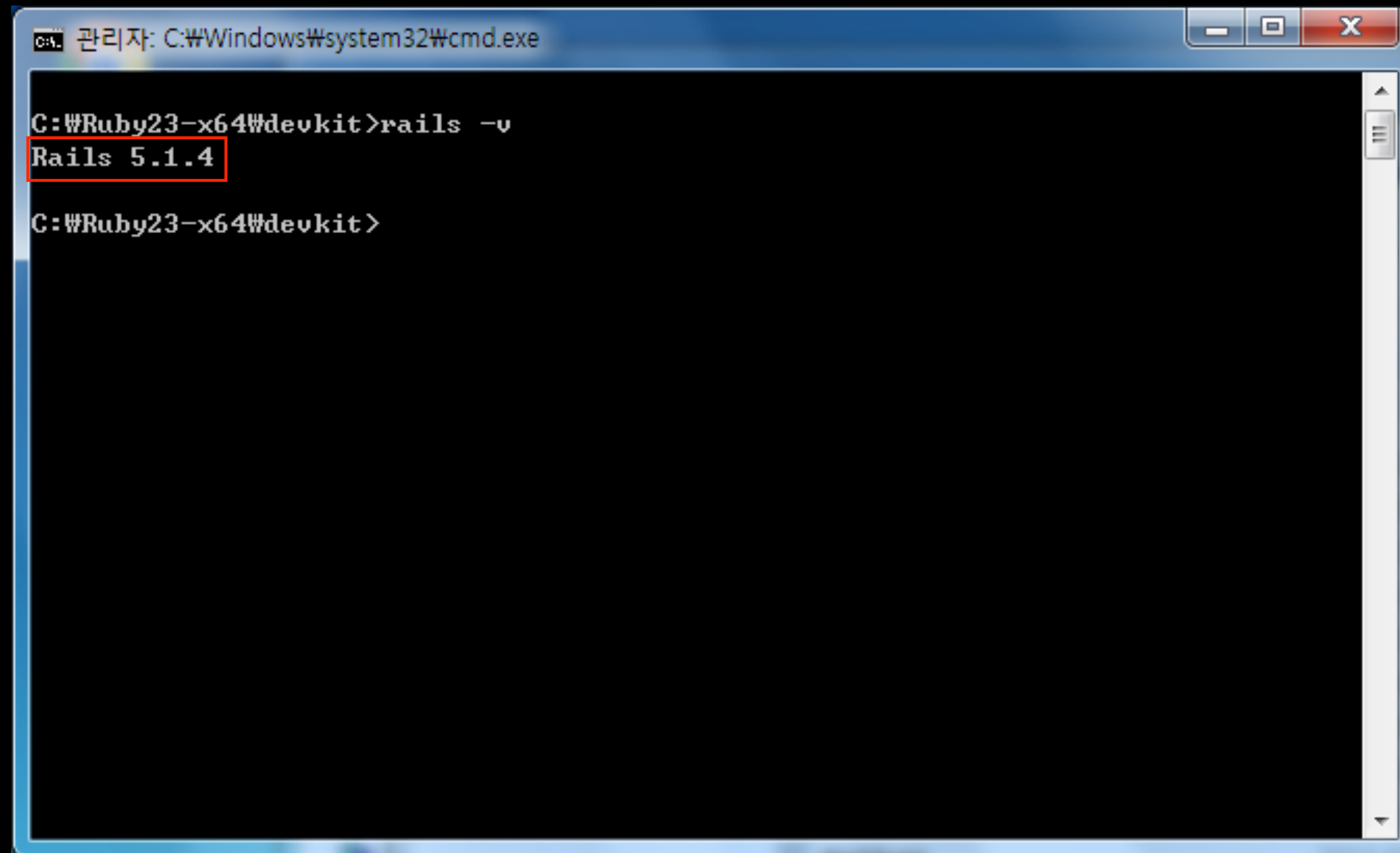
The image shows a Windows command prompt window with the title bar "관리자: C:\Windows\system32\cmd.exe - gem install rails --no-ri --no-rdoc". The command prompt shows the execution of the command `gem install rails --no-ri --no-rdoc` from the directory `C:\Ruby23-x64\devkit`. The output lists the successful installation of various gems and their dependencies, including `websocket-extensions-0.1.3`, `websocket-driver-0.6.5`, `actioncable-5.1.4`, `thor-0.20.0`, `method_source-0.9.0`, `railties-5.1.4`, `bundler-1.16.0`, `sprockets-3.7.1`, `sprockets-rails-3.2.1`, and finally `rails-5.1.4`. The final line of the output, `36 gems installed`, is highlighted with a red box. The command prompt then returns to the prompt `C:\Ruby23-x64\devkit>`.

```
관리자: C:\Windows\system32\cmd.exe - gem install rails --no-ri --no-rdoc
C:\Ruby23-x64\devkit>gem install rails --no-ri --no-rdoc

관리자: C:\Windows\system32\cmd.exe
Successfully installed websocket-extensions-0.1.3
Fetching: websocket-driver-0.6.5.gem (100%)
Building native extensions. This could take a while...
Successfully installed websocket-driver-0.6.5
Fetching: actioncable-5.1.4.gem (100%)
Successfully installed actioncable-5.1.4
Fetching: thor-0.20.0.gem (100%)
Successfully installed thor-0.20.0
Fetching: method_source-0.9.0.gem (100%)
Successfully installed method_source-0.9.0
Fetching: railties-5.1.4.gem (100%)
Successfully installed railties-5.1.4
Fetching: bundler-1.16.0.gem (100%)
Successfully installed bundler-1.16.0
Fetching: sprockets-3.7.1.gem (100%)
Successfully installed sprockets-3.7.1
Fetching: sprockets-rails-3.2.1.gem (100%)
Successfully installed sprockets-rails-3.2.1
Fetching: rails-5.1.4.gem (100%)
Successfully installed rails-5.1.4
36 gems installed

C:\Ruby23-x64\devkit>
```

rails -v



```
관리자: C:\Windows\system32\cmd.exe
C:\Ruby23-x64\devkit>rails -v
Rails 5.1.4
C:\Ruby23-x64\devkit>
```

3. Make Project

rails new [project name]
ex) rails new likelion

```
관리자: C:\Windows\system32\cmd.exe - rails new likelion

C:\Users\Admin>rails new likelion
   create
   create  README.md
   create  Rakefile
   create  config.ru
   create  .gitignore
   create  Gemfile
      run  git init from "."
   create  app
   create  app/assets/config/manifest.js
   create  app/assets/javascripts/application.js
   create  app/assets/javascripts/cable.js
   create  app/assets/stylesheets/application.css
   create  app/channels/application_cable/connection.rb
   create  app/controllers/application_controller.rb
   create  app/helpers/application_helper
   create  app/jobs/application_job.rb
   create  app/mailers/application_mailer
   create  app/models/application_record
   create  app/views/layouts/application.html.erb
   create  app/views/layouts/mailer.html.erb
   create  app/views/layouts/mailer.text.erb
   create  app/assets/images/.keep
```

```
관리자: C:\Windows\system32\cmd.exe

Installing sass-listen 4.0.0
Fetching sass 3.5.3
Installing sass 3.5.3
Fetching tilt 2.0.8
Installing tilt 2.0.8
Fetching sass-rails 5.0.7
Installing sass-rails 5.0.7
Fetching selenium-webdriver 3.8.0
Installing selenium-webdriver 3.8.0
Fetching sqlite3 1.3.13 (x64-mingw32)
Installing sqlite3 1.3.13 (x64-mingw32)
Fetching turbolinks-source 5.0.3
Installing turbolinks-source 5.0.3
Fetching turbolinks 5.0.1
Installing turbolinks 5.0.1
Fetching tzinfo-data 1.2017.3
Installing tzinfo-data 1.2017.3
Fetching uglifier 4.0.1
Installing uglifier 4.0.1
Fetching web-console 3.5.1
Installing web-console 3.5.1
Bundle complete! 13 Gemfile dependencies, 67 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.

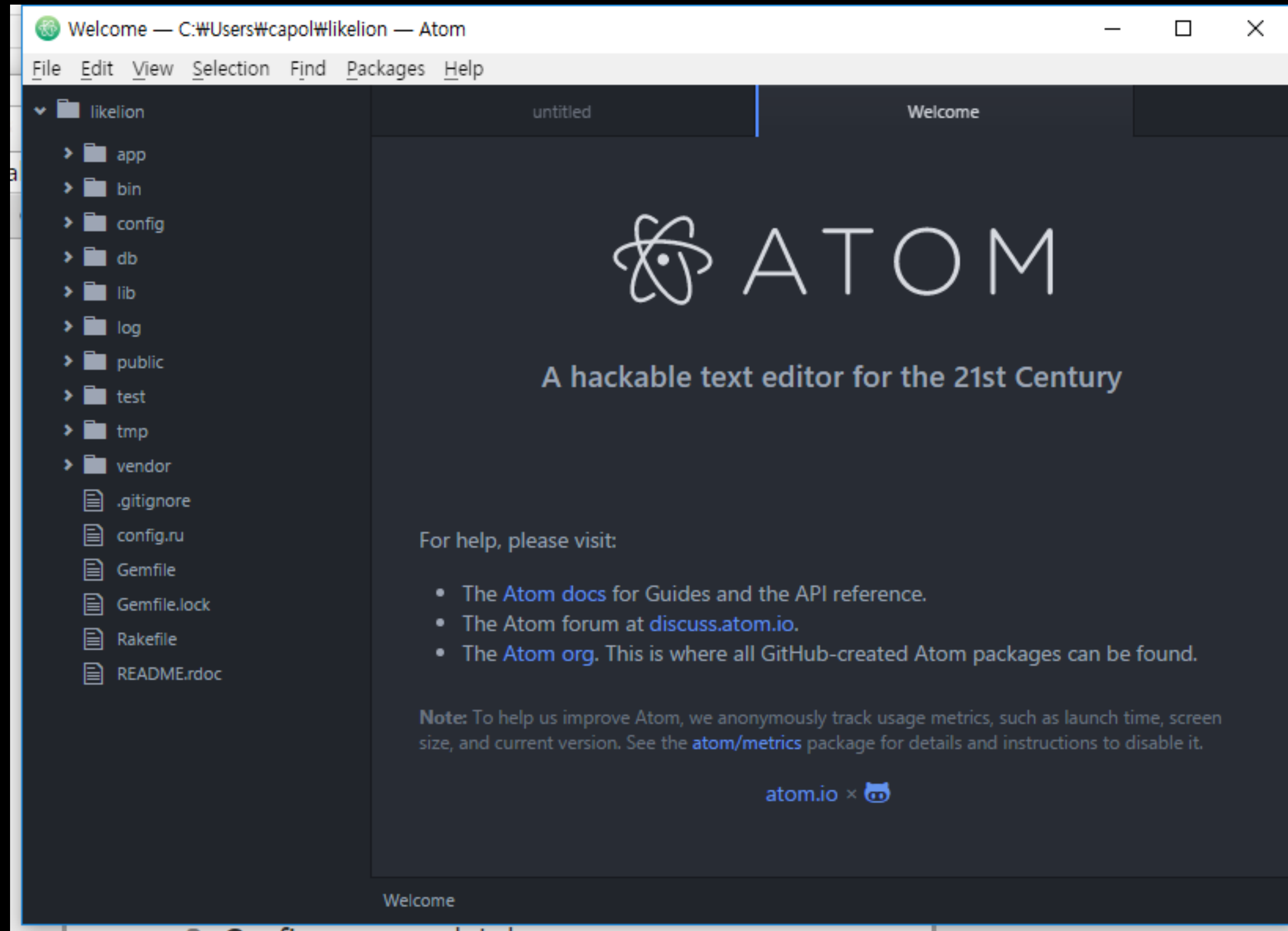
C:\Users\Admin>
```

4. Install Editor

– atom

<https://atom.io>

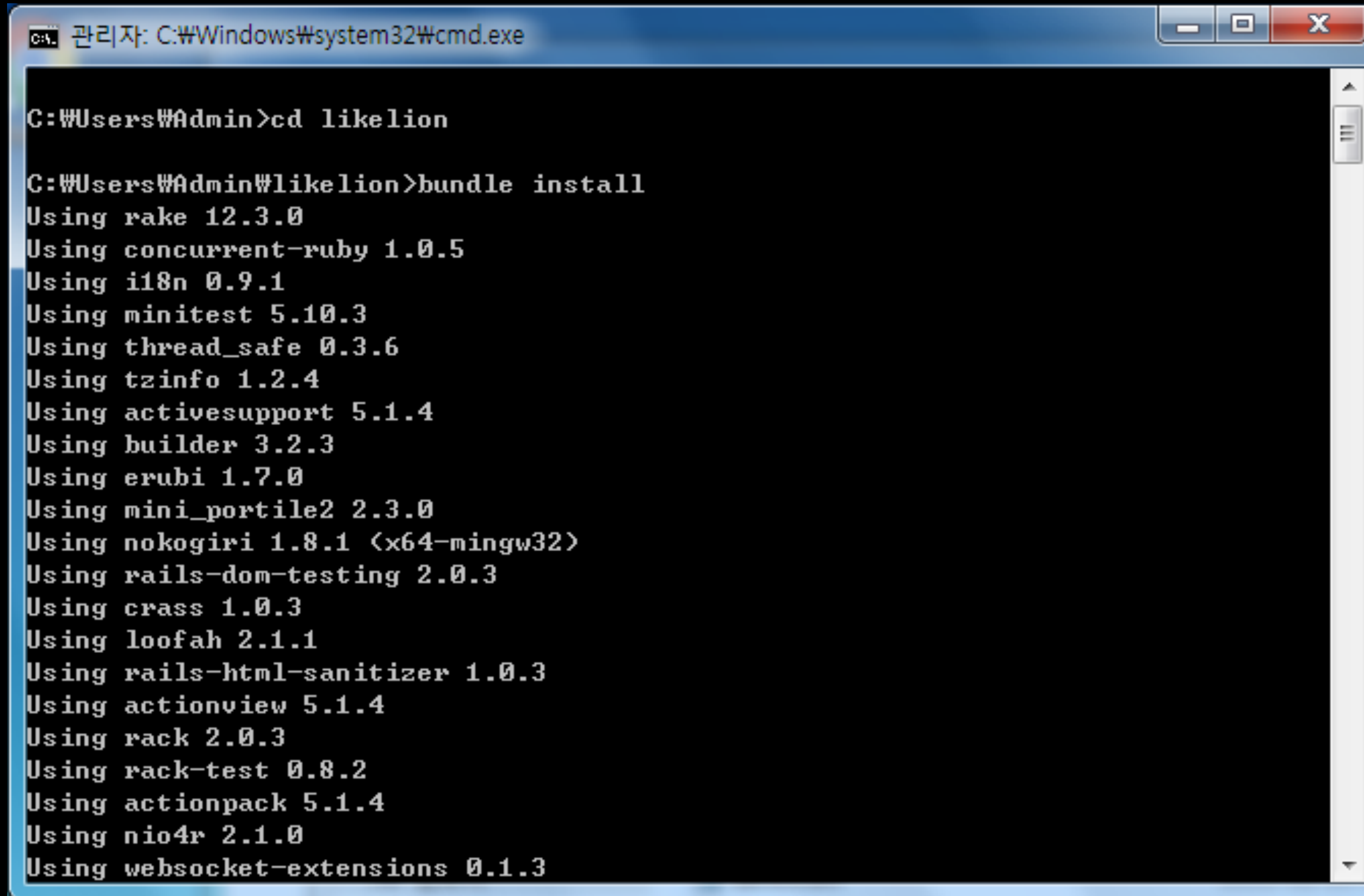
– atom



5. Run Project

cd likelion

bundle install

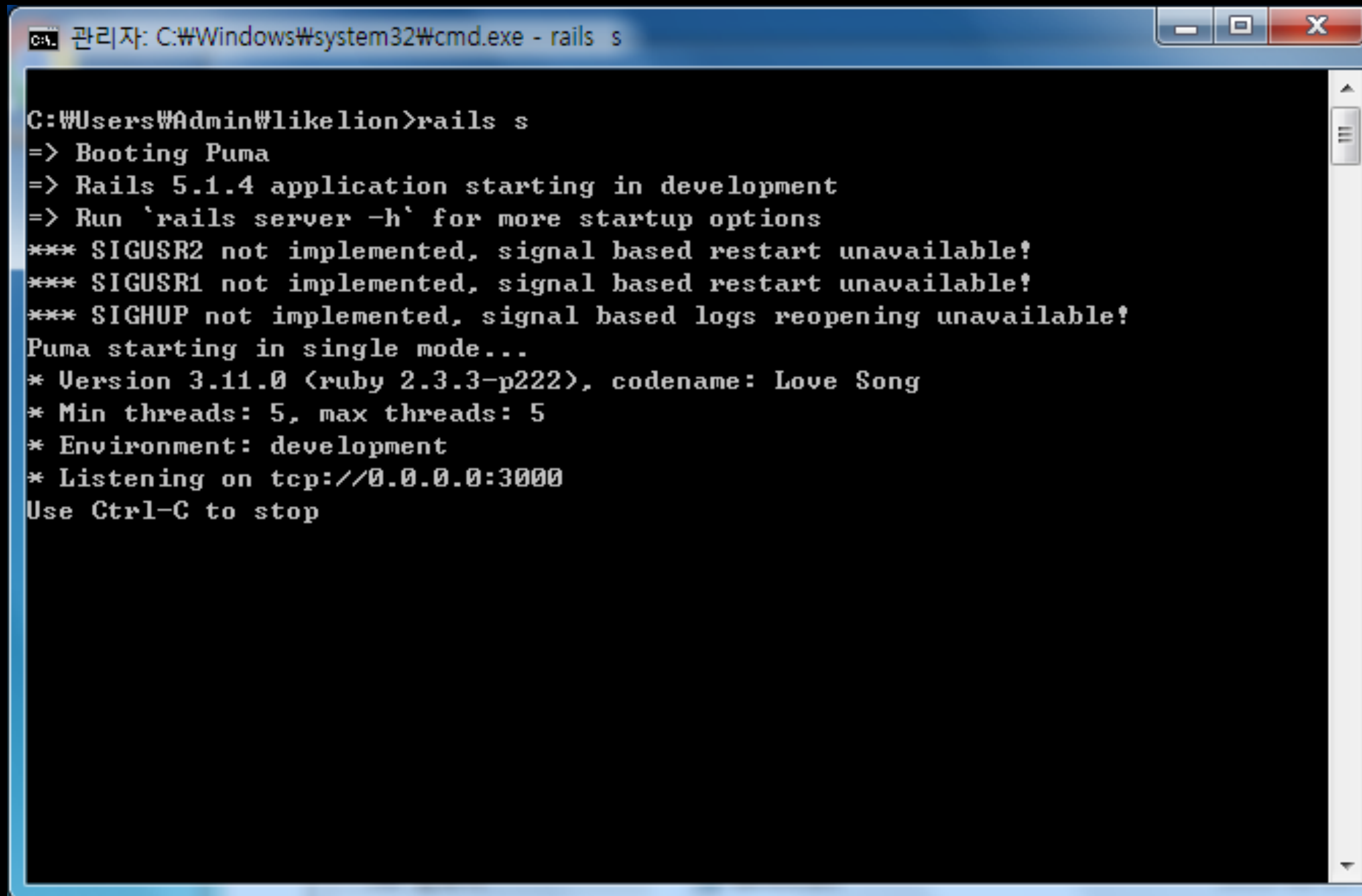


```
관리자: C:\Windows\system32\cmd.exe

C:\Users\Admin>cd likelion

C:\Users\Admin\likelion>bundle install
Using rake 12.3.0
Using concurrent-ruby 1.0.5
Using i18n 0.9.1
Using minitest 5.10.3
Using thread_safe 0.3.6
Using tzinfo 1.2.4
Using activesupport 5.1.4
Using builder 3.2.3
Using erubi 1.7.0
Using mini_portile2 2.3.0
Using nokogiri 1.8.1 (x64-mingw32)
Using rails-dom-testing 2.0.3
Using crass 1.0.3
Using loofah 2.1.1
Using rails-html-sanitizer 1.0.3
Using actionview 5.1.4
Using rack 2.0.3
Using rack-test 0.8.2
Using actionpack 5.1.4
Using nio4r 2.1.0
Using websocket-extensions 0.1.3
```

rails s
ctrl + c



```
C:\Users\Admin\likelion>rails s
=> Booting Puma
=> Rails 5.1.4 application starting in development
=> Run 'rails server -h' for more startup options
*** SIGUSR2 not implemented, signal based restart unavailable!
*** SIGUSR1 not implemented, signal based restart unavailable!
*** SIGHUP not implemented, signal based logs reopening unavailable!
Puma starting in single mode...
* Version 3.11.0 (ruby 2.3.3-p222), codename: Love Song
* Min threads: 5, max threads: 5
* Environment: development
* Listening on tcp://0.0.0.0:3000
Use Ctrl-C to stop
```

