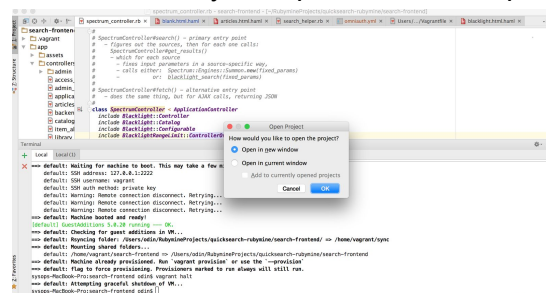


## Steps for QuickSearch RubyMine (RM) Vagrant:

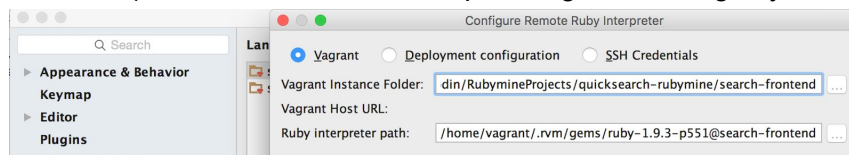
- Memorize:
  - `vagrant up`
  - `vagrant reload --provision`
  - `vagrant ssh`
  - `vagrant snapshot push`
  - `vagrant global-status`
  - `vagrant status`
  - `vagrant halt`
  - `vagrant destroy id`
- Install VirtualBox, Vagrant, RubyMine.
  - Run “`vagrant -v`” on Terminal to verify vagrant is working.
  - Install Vagrant vbguest plugin: `vagrant plugin install vagrant-vbguest`
- Make sure you have set up GitHub keys in repo. The steps are:
 

```
ssh-keygen -t rsa -b 4096 -C you@email.com
# press enter to save key to your home folder
eval "$(ssh-agent -s)"
# it should print "Agent pid . . ."
ssh-add ~/.ssh/id_rsa
# it should print "Identity added . . ."
pbcopy < ~/.ssh/id_rsa.pub
# now paste this key into your GitHub SSH Settings page
ssh -T git@github.com
# enter "yes" to recognize host
```
- Start RubyMine. Git clone in RubyMine (third option in the launcher) all the QS projects:
  - <https://github.com/osmandin/search-frontend>
  - <https://github.com/osmandin/search-backend/>
  - Make sure that you import the second project in “Current Window”

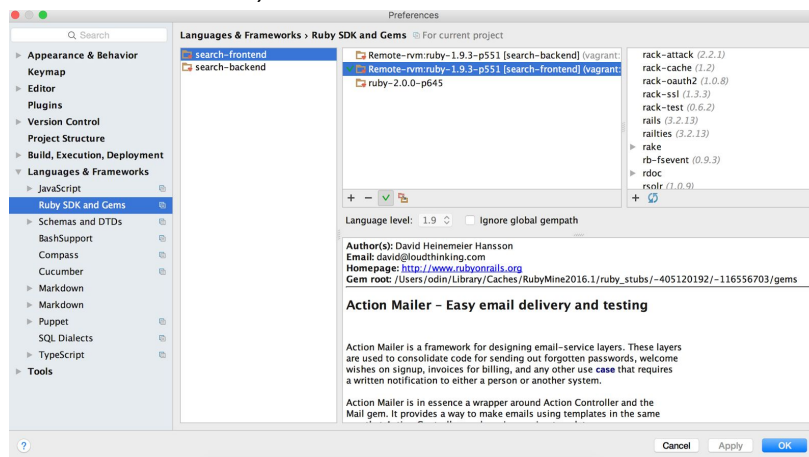


- Open Terminal (in RM)
- (Switch to branch “vagrant” through Terminal in RubyMine)

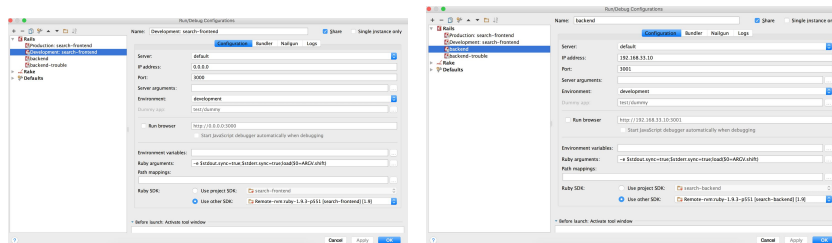
- Optional: Copy in “tmp” config folder (from your email) to both search-frontend and search-backend (e.g., through Finder)
- Edit Vagrantfile synced\_folder setting for both repos to make sure that it points to the correct folder.
- Run “vagrant up”
  - Install vbguest plugin (in case you haven’t already): `vagrant plugin install vagrant-vbguest`
  - Run “`vagrant reload --provision`”
- Configure connections.
  - Verify box “centos/7” shows up in RM/ Preferences/ Tools/ Vagrant
  - RM/Languages & Frameworks/Ruby SDKs & Gems
  - Click on + icon to add remote SDK. Select Vagrant in the dialog box. Make sure the path is to search-frontend in the first box, and the last path points to gem locations (the same location as the path vagrant loading says “Happy Coding!”)



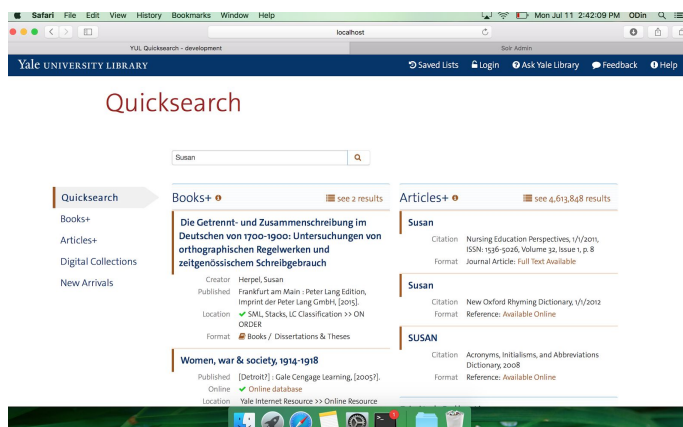
- Verify gem/bundler availability for each (e.g., Rails 4 for search-backend; Rails 3 for search-backend):



- “`vagrant ssh`” into the box. If the default gemset is not selected, select it.
- Verify database for both SF and SB:
  - `cd quicksearch-vagrant/db; sqlite3 dbname`
  - `rake db:migrate` (in case the database is missing)
- Start Solr on search-frontend (if it’s not running).
  - Verify by running `ps -A | grep java`.
- RM/Run to run both programs (or select each project and click on Run -- it should automatically pick up the project runtime info, but if it doesn’t click on Edit Configuration). The Edit Configuration should look like the following. Note the different IP and port for search-backend.



- Finally, browse to
  - localhost:3000 for search-frontend
  - localhost:8983 for solr



## Possible Issues

- Sometimes RM might have problem connecting to the box. Try again.

## Consolidated VM Instructions:

- Git clone:
  - <https://github.com/yalelibrary/quicksearch-vagrant>
- Follow the steps in the repo.

## Pending:

- Morris