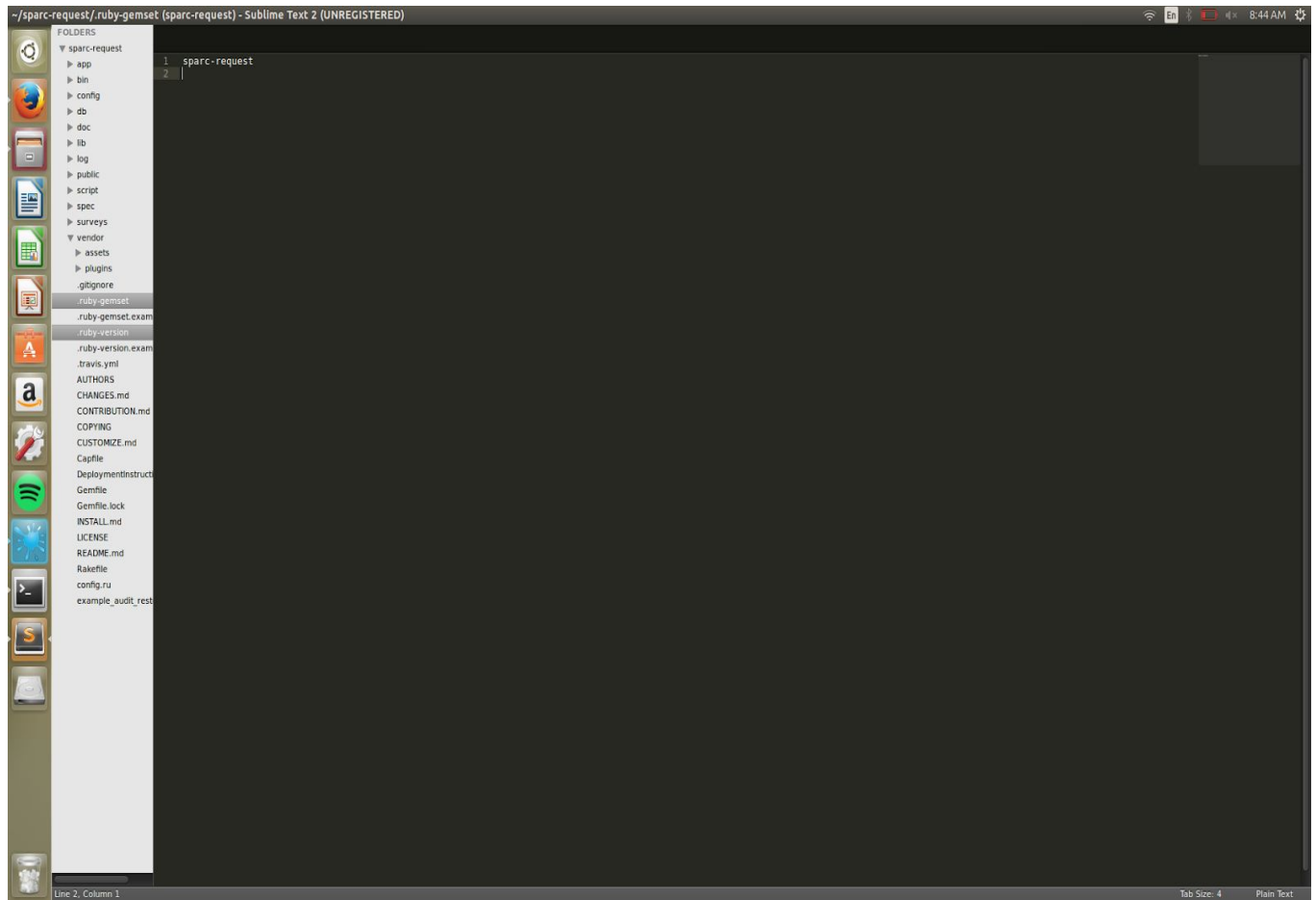
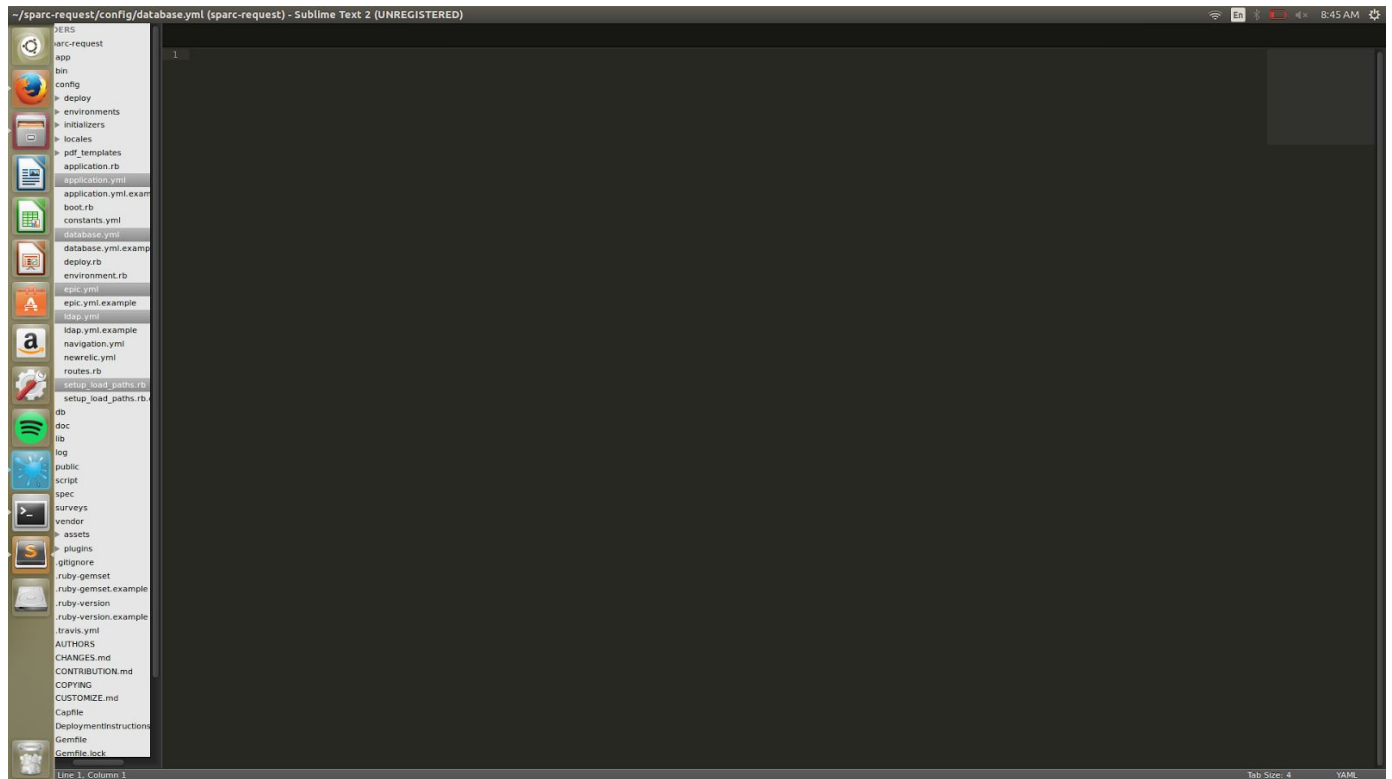


## Building sparrequeston linux

1. Install linux brew by doing the following
  - a. open a terminal and type the following command `ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Linuxbrew/install/master/install)"`  
`PATH="$HOME/.linuxbrew/bin:$PATH"`
  - b. `echo 'export PATH="$HOME/.linuxbrew/bin:$PATH"'`
2. Install mysql by running
  - a. Brew install mysql
3. Install ruby version manager (rvm) by doing the following in the terminal
  - a. Install key `gpg --keyserver hkp://keys.gnupg.net --recv-keys 409B6B1796C275462A1703113804BB82D39DC0E3`
  - b. Download the installer `\curl -O https://raw.githubusercontent.com/rvm/rvm/master/binscripts/rvm-installer`
  - c. `\curl -O https://raw.githubusercontent.com/rvm/rvm/master/binscripts/rvm-installer.asc`
  - d. Run the installer `Bash rvm installer stable`
4. Clone the sparc repository
  - a. Assuming you have git
  - b. In terminal write `clone "insert link here"`
5. Setup example files
  - a. Open sparc-request in your text editor
  - b. Create two new files (check to make sure they don't already exist), called `.ruby-version` and `.ruby-gemset`. Copy the contents of `".ruby-version.example"` and `".ruby-gemset.example"` into their respective counterparts you just created.



- c. In terminal, cd into the sparc-request folder (“cd .” if you are already in it), terminal should tell you “ruby-2.1.5 is not installed to install...” Run the command it gives.
- d. Also in terminal, run “cd .” This should create a gemset called “sparc-request”
- e. In the config folder, create the following files:
  - i. application.yml
  - ii. database.yml
  - iii. epic.yml
  - iv. ldap.yml
  - v. Setup\_load\_paths.rb



- f. You may have noticed that all of these files that you have created already have example files, make sure to copy the contents of these files and paste them into the appropriate newly created file
6. Setting up your gems!
  - a. Run `bundle install` in `sparc-request`
7. `sudo apt-get install qt5-default libqt5webkit5-dev gstreamer1.0-plugins-base gstreamer1.0-tools gstreamer1.0-x`
8. Then run `gem install nokogiri`
9. Then run `mysql.server start`
10. Setting up your database:
  - a. Cd into `sparc-request` run the following commands:
    - i. `rake db:create`
    - ii. `rake db:migrate`
    - iii. `rake db:test:prepare`
11. Run `rails s` to start up the server, and go to the url "localhost:3000"
- 12.