Convert MySQL database to PostgreSQL

Step-1

To install mysql2psql (under ubuntu 11.10): No need to get from github, just: # gem install mysql pg mysql2psql

if there is no gem install it first,

apt-get update && apt-get -y upgrade && apt-get install -y apache2 php5 libapache2-mod-php5 php5-mysql libapache2-mod-perl2 libcurl4-openssl-dev libssl-dev apache2-prefork-dev libapr1-dev libaprutil1-dev libmysqlclient-dev libmagickcore-dev libmagickwand-dev curl git-core gitolite patch build-essential bison zlib1g-dev libssl-dev libxml2-dev libxml2-dev sqlite3 libsqlite3-dev autotools-dev libxslt1-dev libyaml-0-2 autoconf automake libreadline6-dev libyaml-dev libtool imagemagick apache2-utils ssh zip libicu-dev libssh2-1 libssh2-1-dev cmake libgpg-error-dev subversion libapache2-svn nano

```
# apt-get -y install software-properties-common
# add-apt-repository ppa:brightbox/ruby-ng
# apt-get update
# apt-get -y install ruby2.1 ruby-switch ruby2.1-dev ri2.1 libruby2.1 libssl-dev zlib1g-dev
# ruby-switch --set ruby2.1
# gem update
# gem install mysql pg mysql2psql
```

Step-2

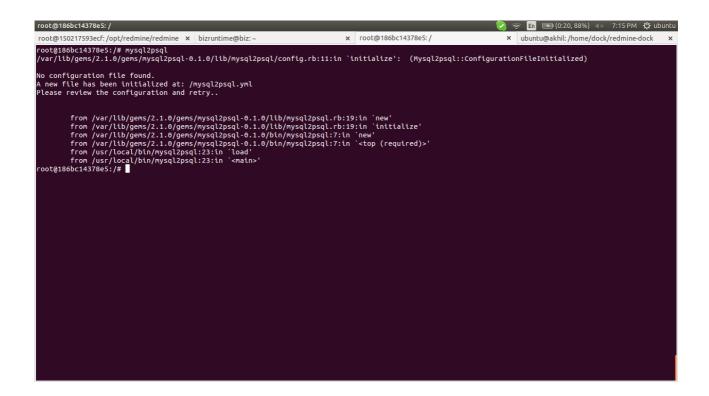
To get info about the mysql socket:(run this on mysql server)

```
# netstat -l | grep mysql
or
# netstat -ln | grep -o -m 1 -E '\S*mysqld?\.sock'
```

Step-3

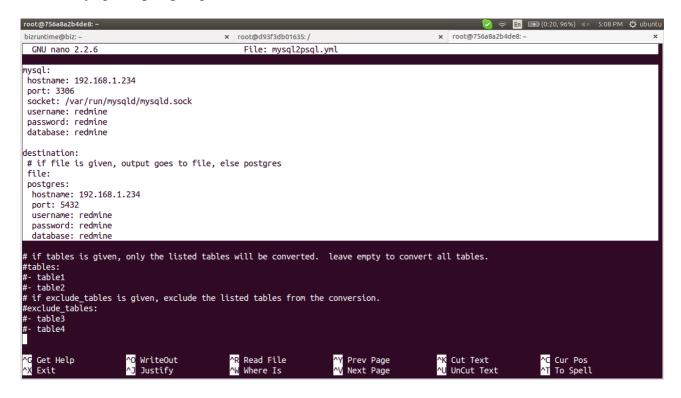
creates a .yml template # mysql2psql

now it shows some error and a "mysql2psql.yml" file for make our work more easy



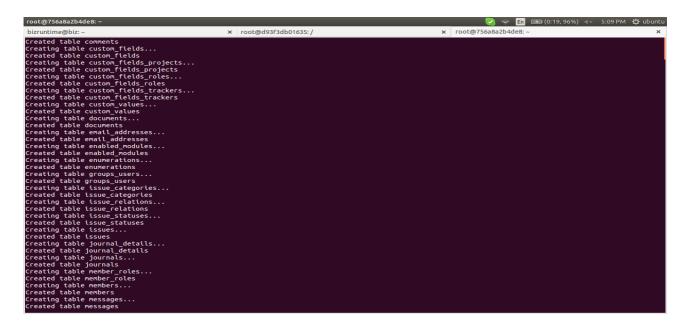
Step-4

edit the template # nano mysql2psql.yml edit the mysql and postgresql section



Step-5

connects to mysql database and write into postgres database # mysql2psql



links: http://nicolas-brousse.github.io/ubuntu-install-and-tips/pages/others/mysql-to-postgresql/

here is an example for converting mysql to psql database for redmine after step 5 we need to reconfigure the redmine database.yml file

Step-6

{redmine home}/config/database.yml mysql db configuration show below

production:

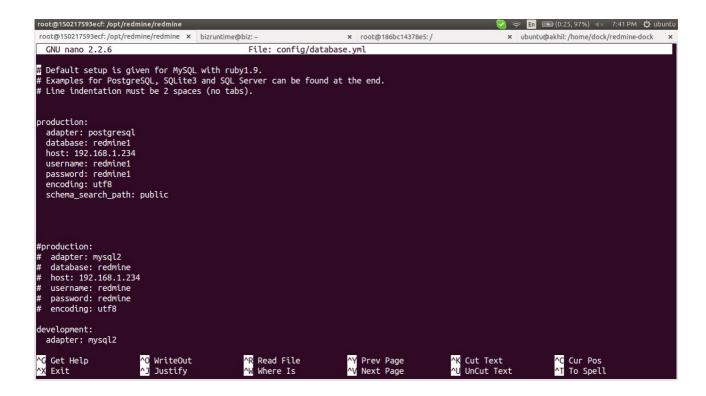
adapter: mysql2 database: redmine host: 192.168.1.234 username: redmine password: redmine encoding: utf8

change this to postgresql db configuration

production:

adapter: postgresql database: redmine host: 192.168.1.234 username: redmine password: redmine encoding: utf8

schema_search_path: public



Step-7

whenever made a changes in config files of redmine need to use this command for activate

bundle install --without development test postgresql sqlite

links: http://www.redmine.org/projects/redmine/wiki/redmineinstall