1. **Install PostgreSQL** with sudo port install postgresql93-server. *This will install PostgreSQL 9.3.4, check the*[*list of ports*](https://www.macports.org/ports.php?by=name&substr=postgresql)*for installing a different release.*
2. **Install pg gem** with gem install pg -- --with-pg-config=/opt/local/lib/postgresql93/bin/pg\_config if you're installing PostgreSQL for this project.
3. **Setting up the initial database**

* **Make database directory** with sudo mkdir -p /opt/local/var/db/postgresql93/defaultdb
* **Set permissions** with sudo chown postgres:postgres /opt/local/var/db/postgresql93/defaultdb
* **Create database** with sudo su postgres -c '/opt/local/lib/postgresql93/bin/initdb -D /opt/local/var/db/postgresql93/defaultdb'

1. **Start/Stop Server**

* First edit your shell environment with pico ~/.profile.
* Add the following to that file and click control+x on the keyboard:

export PATH=/opt/local/lib/postgresql93/bin:$PATH alias postgres\_start='sudo /opt/local/etc/LaunchDaemons/org.macports.postgresql93-server/postgresql93-server.wrapper start'; alias postgres\_stop='sudo /opt/local/etc/LaunchDaemons/org.macports.postgresql93-server/postgresql93-server.wrapper stop'; alias postgres\_restart='sudo /opt/local/etc/LaunchDaemons/org.macports.postgresql93-server/postgresql93-server.wrapper restart';

* Now, reload the terminal window with . ~/.profile.
* Finally, start the server with postgres\_start or stop it with postgres\_stop or restart it with postgres\_restart.