

## PostGIS Server setup (RPi)

Download and install postgres	example
use repository to install postgres. note. Debian-Jessie version ~9.2 current Mac OS ~9.6	sudo apt-get install postgres
Setup Users and Database	example
setup a new admin (but not super) user	sudo -u postgres psql CREATE ROLE -d -l -P -r -S <b>adminuser</b> ;
setup user to be a group and other non admin users	CREATE ROLE <b>usergroup</b> ; CREATE ROLE -i -l -P -S <b>username</b> ;
set new users to member of group	GRANT <b>group_name</b> to <b>username</b> ;
create a new database	CREATE DATABASE <b>shub1env_psql</b> WITH OWNER = <b>adminuser</b> ;
create schemas for Unity data (splatmaps, heightmaps, detailmaps, objects)	CREATE SCHEMA <b>splatmaps</b> AUTHORIZATION <b>adminuser</b> ;
provide schema access and default privileges to usergroup	ALTER DEFAULT PRIVILEGES IN <b>splatmaps</b> GRANT SELECT, INSERT, UPDATE, DELETE ON TABLES TO <b>usergroup</b>
Add PostGIS extension to database	example
download from repository	sudo apt-get install postgis
login to postgres as user with su rights and enable extension on database	sudo -u postgres psql \c <b>shub1env_psql</b> CREATE extension postgis;

reference:<https://www.postgresql.org/docs/9.2/static/index.html>