# PostgreSQL

## Overview

A database server is available for CS4222.  It is based on the [PostgreSQL](http://www.postgresql.org/) relational DBMS.   
  
It can be accessed using the [PGAdmin](http://www.pgadmin.org/) tool, which includes graphical tools to generate database objects and to perform SQL queries.  
  
Both of these tools are open source software that can be freely installed on home computers.  The PostgreSQL database server is also accessible remotely, which means you can install PGAdmin on your home computer and connect to the the database sever installed on the CS server machine.

## About your PostgreSQL DBMS account

If you are registered to a course that requires the use of the PostgreSQL database server, you will get an account. The userid and password for your DBMS account has already be emailed to you.

## Configuring PGAdmin

When you launch PGAdmin, you need to add a server and configure its parameters  using the following parameters:

|  |  |
| --- | --- |
| **Name** | Any name |
| **Server** | cs1.calstatela.edu |
| **Port** | 5432 |
| **Maintenance DB** | Enter your  userid |
| **Username** | Enter your  userid |
| **Password** | Enter your password |

Just leave other fields empty.