

PostgreSQL Terminal Commands – Windows

Starting/Stopping the Server

Refer to: <http://www.postgresql.org/docs/9.0/interactive/app-pg-ctl.html>

1. Open Control Panel
2. Open Administrative Tools
3. Open Services
4. Find the PostgreSQL Server service
5. Start, Stop or Restart the service

Reloading Changes to the Configuration File

Refer to: <http://www.postgresql.org/docs/9.0/interactive/app-pg-ctl.html> - simply sends the postgres process a SIGHUP signal, causing it to reread its configuration files (postgresql.conf, pg_hba.conf, etc.). This allows changing of configuration-file options that do not require a complete restart to take effect.

1. Open Command Prompt
2. Go to C:\Program Files\PostgreSQL\9.0\bin (Do cd.. to get back to C: prompt then type cd "Program Files" - enter - cd PostgreSQL - enter - cd 9.0 enter - cd bin - enter
3. pg_ctl reload

Backing Up A Database



Uncompressed backups from this point forward will use the .sql extension, while compressed backups will use the .backup extension.

Windows - Uncompressed

1. Open Command Prompt
2. Go to C:\Program Files\PostgreSQL\9.0\bin (Do cd.. to get back to C: prompt then type cd "Program Files" - enter - cd PostgreSQL - enter - cd 9.0 enter - cd bin - enter
3. pg_dump -U postgres -o [DatabaseName] > [Path] e.g For Database 'Demo' -> pg_dump -U postgres -o Demo > /Users/Shared/MyBackups/Demo.sql

Windows - Compressed

1. Open Command Prompt
2. Go to C:\Program Files\PostgreSQL\9.0\bin (Do cd.. to get back to C: prompt then type cd "Program Files" - enter - cd PostgreSQL - enter - cd 9.0 enter - cd bin - enter
3. pg_dump -U postgres -o -F c -Z 9 [DatabaseName] > [Path] e.g For Database 'Demo' -> pg_dump -U postgres -o -F c -Z 9 Demo > /Users/Shared/MyBackups/Demo.backup

Windows - Compressed (via pgAdmin on a different machine then the server)

1. Open Command Prompt
2. Go to C:\Program Files\pgAdmin III\1.12 (Do cd.. to get back to C: prompt then type cd "Program Files" - enter - cd pgAdmin III - enter - cd 1.12 enter
3. pg_dump --host [IP address of server] --port 5432 --username "postgres" --format=c --compress=9 --file "C:\BoxOffice\[DatabaseBackupName].backup [DatabaseName] e.g For Database 'Demo' -> pg_dump --host 192.168.0.3 --port 5432 --username "postgres" --format=c --compress=9 --file "C:\BoxOffice\Demo.backup" Demo

Cheat Sheet

Restoring a Database

Windows - Uncompressed

1. Open Command Prompt
2. Go to C:\Program Files\PostgreSQL\9.0\bin (Do cd.. to get back to C: prompt then type cd "Program Files" - enter - cd PostgreSQL - enter - cd 9.0 enter - cd bin - enter
3. Type `psql -U postgres [DatabaseName] < [Path]` e.g for Database 'Demo' -> `psql -U postgres Demo < /Users/Shared/MyBackups/Demo.sql`

Windows - Compressed

Open Command Prompt

1. Go to C:\Program Files\PostgreSQL\9.0\bin (Do cd.. to get back to C: prompt then type cd "Program Files" - enter - cd PostgreSQL - enter - cd 9.0 enter - cd bin - enter
2. Type `pg_restore -U postgres -d [DatabaseName] [Path]` e.g for Database 'Demo' -> `pg_restore -U postgres -d Demo /Users/Shared/MyBackups/Demo.backup`