

PGPORT=5432

PGUSER=postgres

PGPASSWORD=postgres

PGDATABASE=postgres

PGDATA=/Users/username/pg\_software/9.6.9/data

$ cat .psqlrc

\set QUIET ON

\set PROMPT1 '%[%033[1;32;40m%]%M:%>; %n@%/%[%033[0m%]% # '

\set PAGER OFF

\set HISTSIZE 2000

\set ECHO\_HIDDEN ON

\set COMP\_KEYWORD\_CASE upper

\timing

\encoding unicode

\pset null 'NULL'

\pset border 2

\set QUIET OFF

\echo '\nCurrent Host Server Date Time : '`date` '\n'

\echo 'Administrative queries:\n'

\echo '\t\t\t:settings\t-- Server Settings'

\echo '\t\t\t:conninfo\t-- Server connections'

\echo '\t\t\t:activity\t-- Server activity'

\echo '\t\t\t:locks\t\t-- Lock info'

\echo '\t\t\t:waits\t\t-- Waiting queires'

\echo '\t\t\t:uptime\t\t-- Server uptime'

\echo '\t\t\t:menu\t\t-- Help Menu'

\echo '\t\t\t\\h\t\t-- Help with SQL commands'

\echo '\t\t\t\\?\t\t-- Help with psql commands\n'

\echo 'Development queries:\n'

\echo '\t\t\t:sp\t\t-- Current Search Path'

\echo '\t\t\t:clear\t\t-- Clear screen'

\echo '\t\t\t:ll\t\t-- List\n'

-- Administration queries

\set menu '\\i ~/.psqlrc'

\set settings 'select name, setting,unit,context from pg\_settings;'

\set locks 'SELECT bl.pid AS blocked\_pid, a.usename AS blocked\_user, kl.pid AS blocking\_pid, ka.usename AS blocking\_user, a.query AS blocked\_statement FROM pg\_catalog.pg\_locks bl JOIN pg\_catalog.pg\_stat\_activity a ON bl.pid = a.pid JOIN pg\_catalog.pg\_locks kl JOIN pg\_catalog.pg\_stat\_activity ka ON kl.pid = ka.pid ON bl.transactionid = kl.transactionid AND bl.pid != kl.pid WHERE NOT bl.granted;'

\set conninfo 'select usename, count(\*) from pg\_stat\_activity group by usename;'

\set activity 'select datname, pid, usename, application\_name,client\_addr, client\_hostname, client\_port, query, state from pg\_stat\_activity;'

\set waits 'SELECT datname, usename, wait\_event\_type, wait\_event, pg\_blocking\_pids(pid) AS blocked\_by, query FROM pg\_stat\_activity WHERE wait\_event IS NOT NULL;'

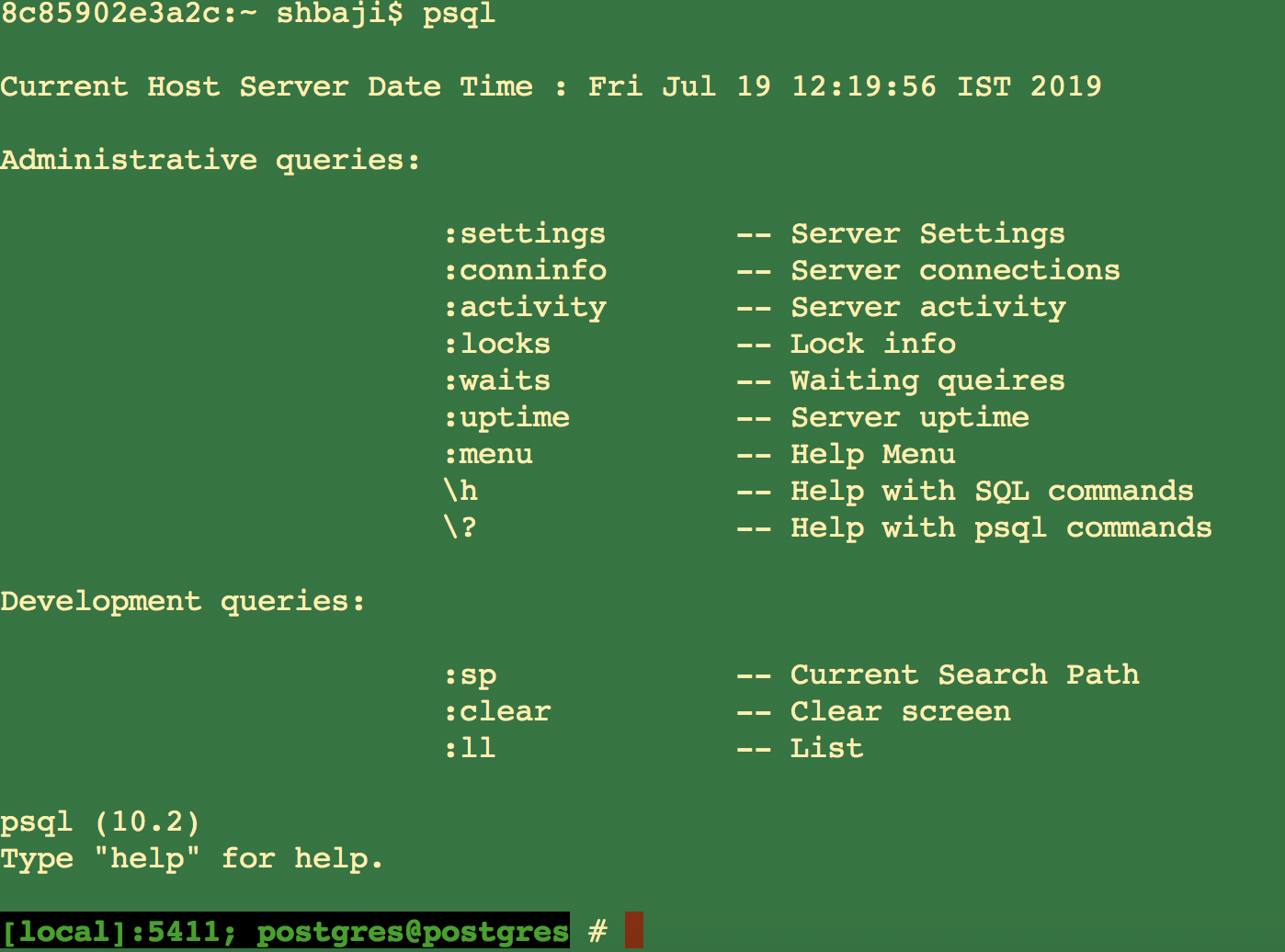
\set uptime 'select now() - pg\_postmaster\_start\_time() AS uptime;'

-- Development queries:

\set sp 'SHOW search\_path;'

\set clear '\\! clear;'

\set ll '\\! ls -lrt;'



[local]:5411; postgres@postgres # show config\_file;

+------------------------------------------------------------+

| config\_file |

+------------------------------------------------------------+

| /Users/shbaji/pg\_software/10.2/bin/../data/postgresql.conf |

+------------------------------------------------------------+

(1 row)

Time: 1.721 ms

[local]:5411; postgres@postgres # show hba\_file ;

+--------------------------------------------------------+

| hba\_file |

+--------------------------------------------------------+

| /Users/shbaji/pg\_software/10.2/bin/../data/pg\_hba.conf |

+--------------------------------------------------------+

(1 row)

Time: 3.434 ms

local database user auth-method [auth-options]

host database user address auth-method [auth-options]

hostssl database user address auth-method [auth-options]

hostnossl database user address auth-method [auth-options]

host database user IP-address IP-mask auth-method [auth-options]

hostssl database user IP-address IP-mask auth-method [auth-options]

hostnossl database user IP-address IP-mask auth-method [auth-options]

# MAPNAME SYSTEM-USERNAME PG-USERNAME

User123 LinuxUser PGUser

# TYPE DATABASE USER ADDRESS METHOD

host all all 127.0.0.0/16 ident map=User123

[local]:5411; postgres@postgres # select name, setting from pg\_settings where name like 'enable\_%';

+----------------------+---------+

| name | setting |

+----------------------+---------+

| enable\_bitmapscan | on |

| enable\_gathermerge | on |

| enable\_hashagg | on |

| enable\_hashjoin | on |

| enable\_indexonlyscan | on |

| enable\_indexscan | on |

| enable\_material | on |

| enable\_mergejoin | on |

| enable\_nestloop | on |

| enable\_seqscan | on |

| enable\_sort | on |

| enable\_tidscan | on |

+----------------------+---------+

(12 rows)

# cat /sys/kernel/mm/redhat\_transparent\_hugepage/enabled

# cat /sys/kernel/mm/transparent\_hugepage/enabled