Work Mem : 4MB Default

select a.aid from pgbench\_accounts a, pgbench\_accounts b where a.bid=b.bid order by a.bid limit 10;

SET work\_mem = '64MB';

select a.aid from pgbench\_accounts a, pgbench\_accounts b where a.bid=b.bid order by a.bid limit 10;

SET work\_mem = '1GB';

select a.aid from pgbench\_accounts a, pgbench\_accounts b where a.bid=b.bid order by a.bid limit 10;

RESET work\_mem;

Use this for demo:

explain analyze select \* from pgbench\_history order by aid;

set work\_mem='10MB';

SET log\_temp\_files TO '4MB';

SET trace\_sort TO 'on'; (To include resource information).

A well-known formula suggests :

25% of the total system memory/ max\_connections.

select relname,last\_vacuum, last\_autovacuum, last\_analyze, vacuum\_count, autovacuum\_count,

last\_autoanalyze from pg\_stat\_user\_tables where schemaname = 'micro' order by relname ASC;

ALTER ROLE usernameA SET work\_mem TO '1GB'

It's tough to get the right value for work\_mem perfect, but often a sane default can be something like 64 MB,