START

FALSE TRUE

Prefix is /*NO LOAD BALANCE*/

Raw mode

Master/Slave mode

Multi-statement

Decide where the statement to be sent. (page 2)

POOL_PRIMARY

EXECUTE

POOL_BOTH

DEALLOCATE

Load balance mode and Read query* and V3 protocol

Send to master node and a load-balancing node

DEALLOCATE ALL

Not in a transaction block or (Not in a writing transaction block and Not in a failed transaction block and Isolation level is not serializable)

Send to the node where the Prepared statement was executed

Sub mode is stream and Standby delay > delay_threshold

Has writing function call

Has system catalog

Has temp table

Replication mode or Parallel mode

Load balance mode and Read query* and V3 protocol

Has unlogged table

Has writing function call or Replicate select

Not in a transaction block or (Not in a writing transaction block and Not in a failed transaction block and Isolation level is not serializable)

Read query* and Not replicate select and Not has writing function call

Unknown mode

* Read query
- SELECT/WITH without FOR UPDATE/SHARE
  An initial letter is either of 'S', 'W', 'T', or '('. (case-insensitive)
- COPY TO STDOUT
- EXPLAIN
- EXPLAIN ANALYZE and query is SELECT

Replication

Load balance

Send to master node only

START

FALSE TRUE

pgpool-II's parser supports the statement

SELECT

SELECT INTO

SELECT FOR SHARE or SELECT FOR UPDATE

COPY

COPY FROM

LOCK

Lock mode >= RowExclusiveLock

TRANSACTION

BEGIN or START TRANSACTION

READ WRITE

SAVEPOINT or ROLLBACK TO SAVEPOINT or RELEASE SAVEPOINT

PREPARE TRANSACTION or COMMIT PREPARED or ROLLBACK PREPARED

SET

SET transaction_read_only

TO off

SET TRANSACTION or SET SESSION CHARACTERISTICS AS TRANSACTION

READ WRITE

DISCARD

PREPARE

Extract a query

EXECUTE

DEALLOCATE

return POOL_PRIMARY

return POOL_BOTH

return POOL_EITHER