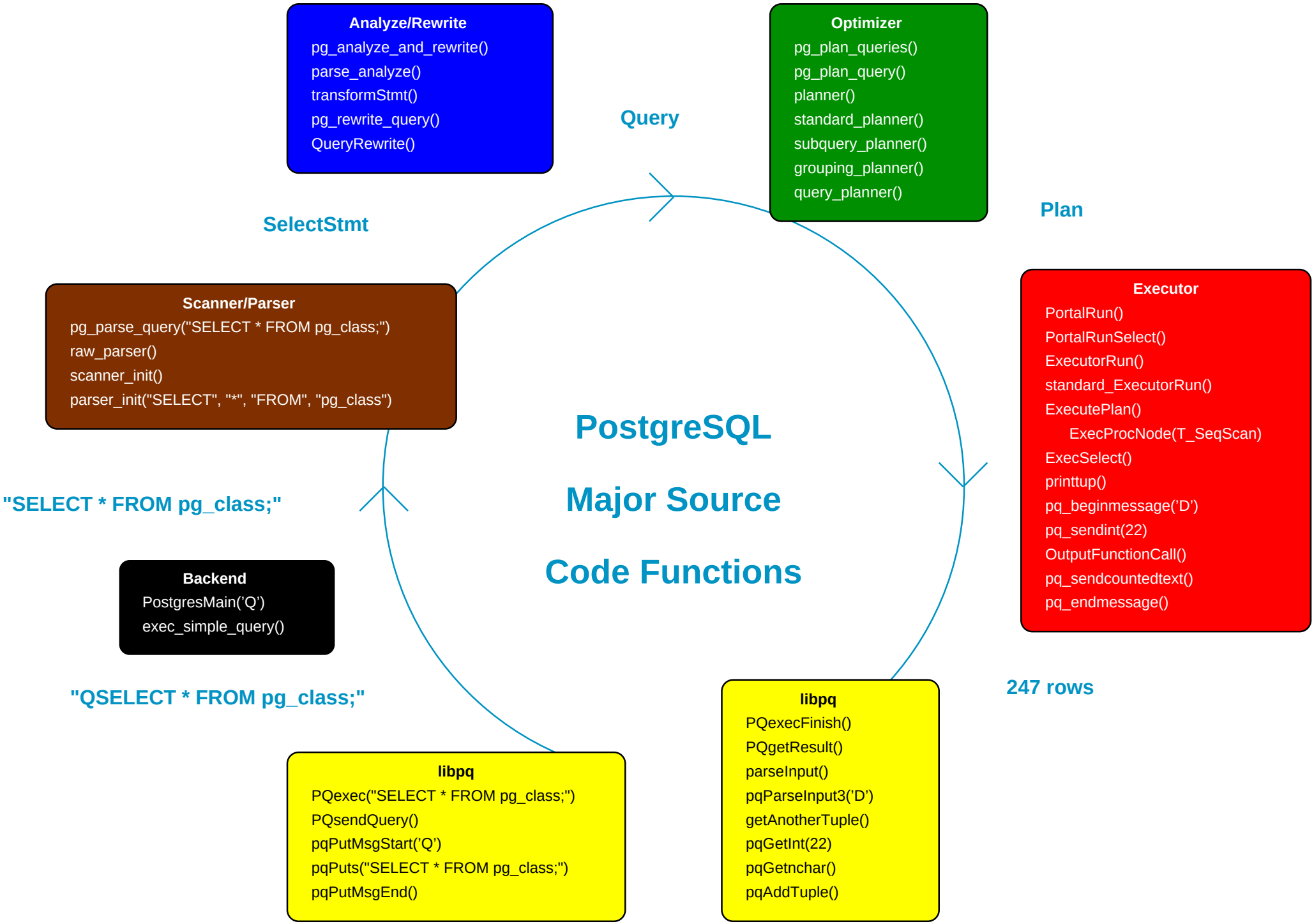
PostgreSQL
Major Source
Code Functions
Analyze/Rewrite
pg_analyze_and_rewrite()
parse_analyze()
transformStmt()
pg_rewrite_query()
QueryRewrite()
Query
Optimizer
pg_plan_queries()
pg_plan_query()
planner()
standard_planner()
subquery_planner()
grouping_planner()
query_planner()
Plan
Executor
PortalRun()
PortalRunSelect()
ExecutorRun()
standard_ExecutorRun()
ExecutePlan()
ExecProcNode(T_SeqScan)
ExecSelect()
printtup()
pq_beginmessage('D')
pq_sendint(22)
OutputFunctionCall()
pq_sendcountedtext()
pq_endmessage()
247 rows
libpq
PQexecFinish()
PQgetResult()
parseInput()
pqParseInput3('D')
getAnotherTuple()
pqGetInt(22)
pqGetnchar()
pqAddTuple()
libpq
PQexec("SELECT * FROM pg_class;")
PQsendQuery()
pqPutMsgStart('Q')
pqPuts("SELECT * FROM pg_class;")
pqPutMsgEnd()
"QSELECT * FROM pg_class;"
Backend
PostgresMain('Q')
exec_simple_query()
"SELECT * FROM pg_class;"
Scanner/Parser
pg_parse_query("SELECT * FROM pg_class;")
raw_parser()
scanner_init()
parser_init("SELECT", "*", "FROM", "pg_class")
SelectStmt