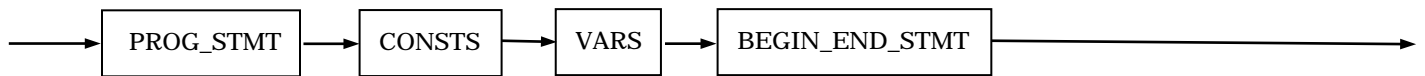


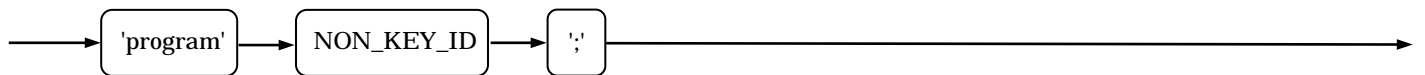
Syntax Chart - Stage 1

Stage1 adds the assignment statement to the features available to the programmer. The major additions to stage1, not found in stage0, are the operand and operator stacks and the extensive reliance on temporary variables to hold intermediate results. Because of the manner in which stage0 was designed, the implementation of stage1 requires very little change in the shell which stage0 provided. For the most part, the changes are additions to existing code.

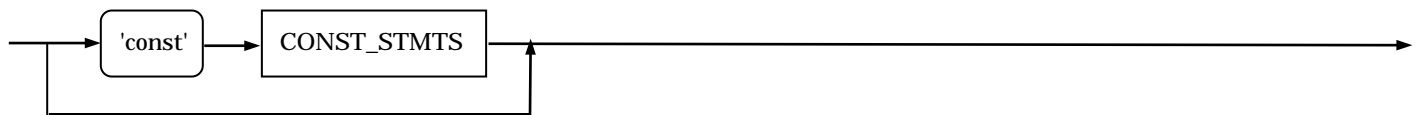
PROGRAM



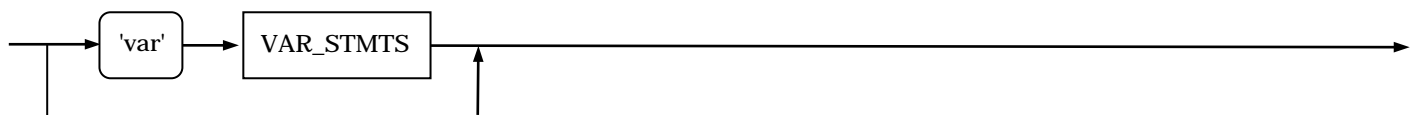
PROG_STMT



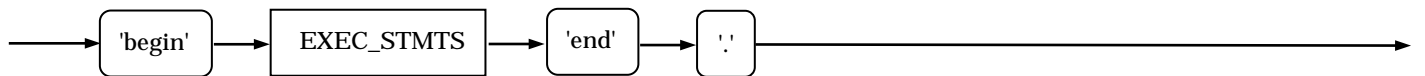
CONSTS



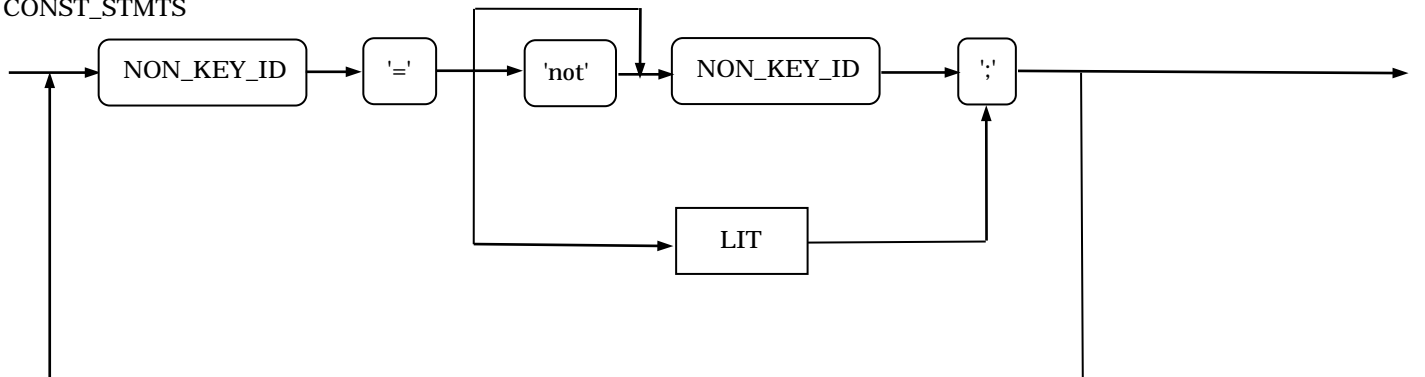
VARS



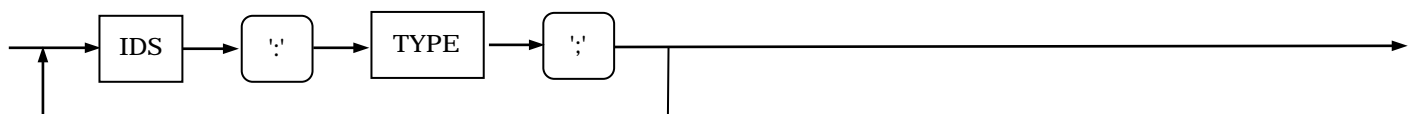
BEGIN_END_STMT



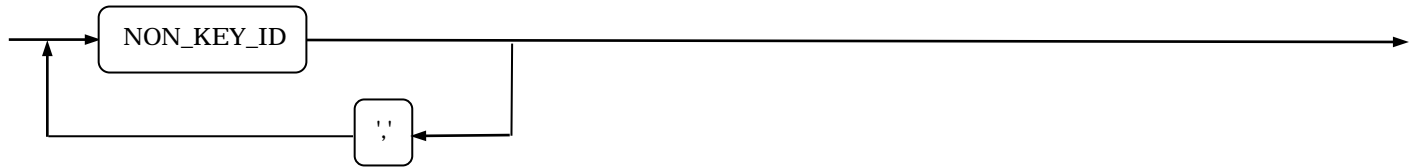
CONST_STMTS



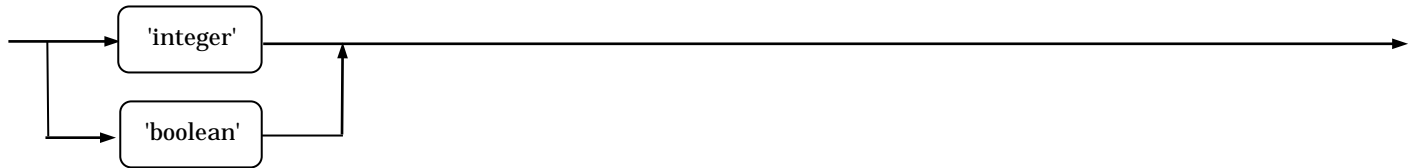
VAR_STMTS



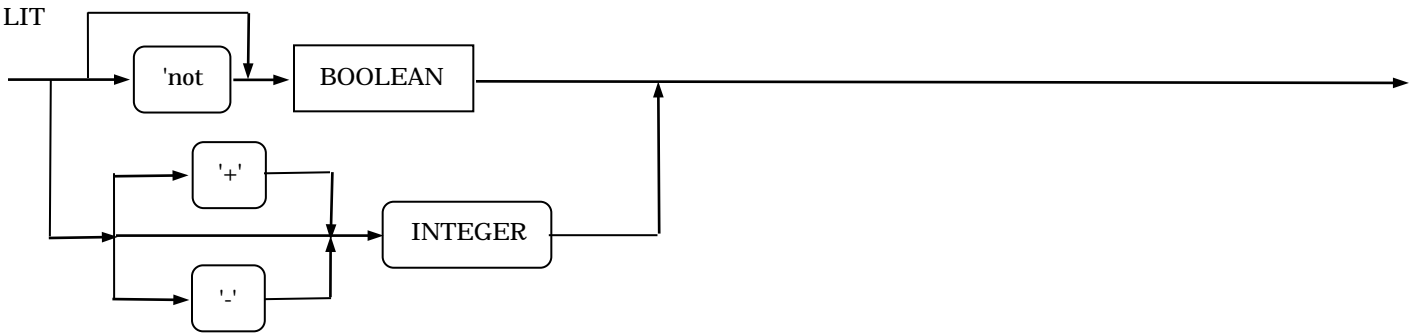
IDS



TYPE



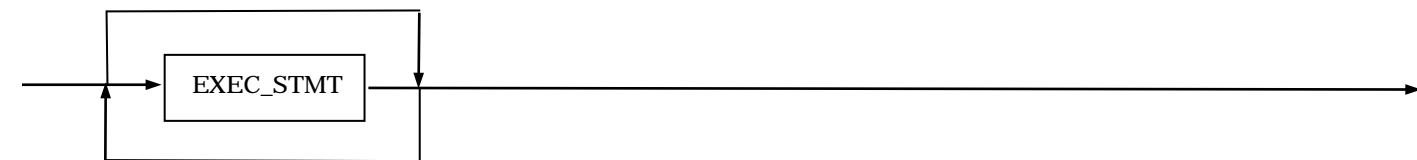
LIT



BOOLEAN



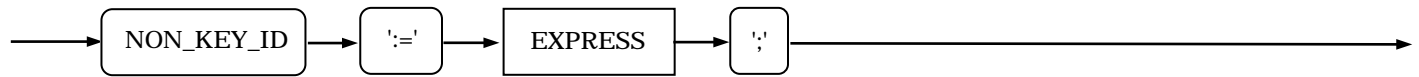
EXEC_STMTS



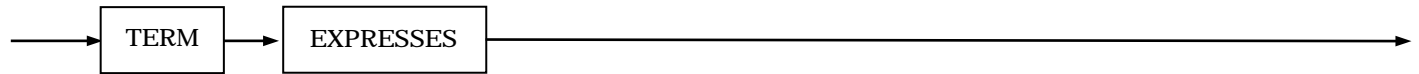
EXEC_STMT



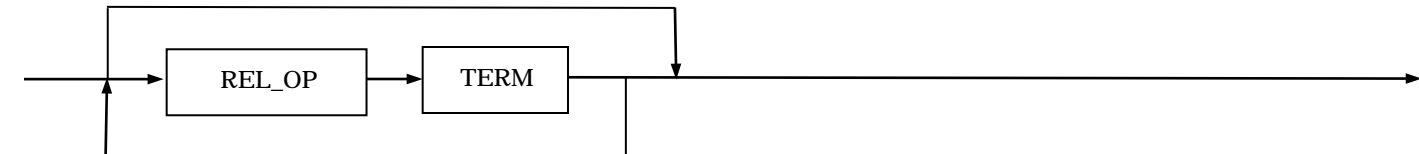
ASSIGN_STMT



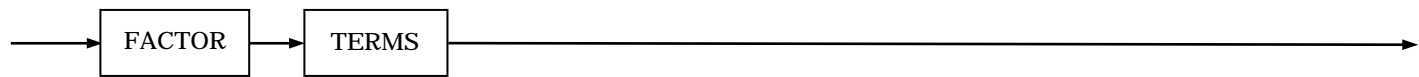
EXPRESS



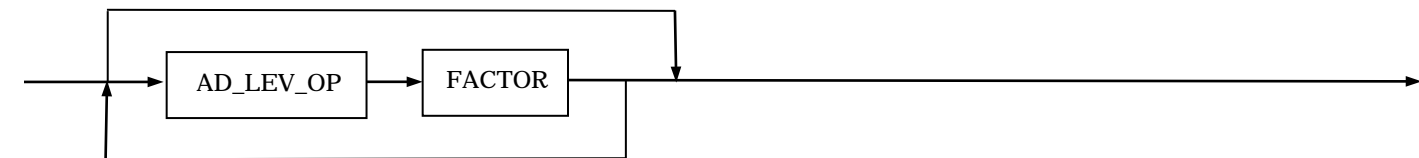
EXPRESSES



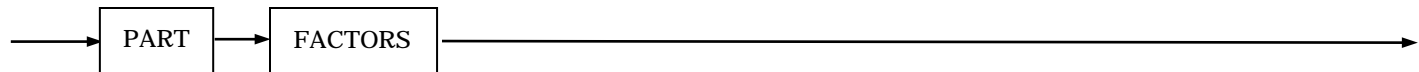
TERM



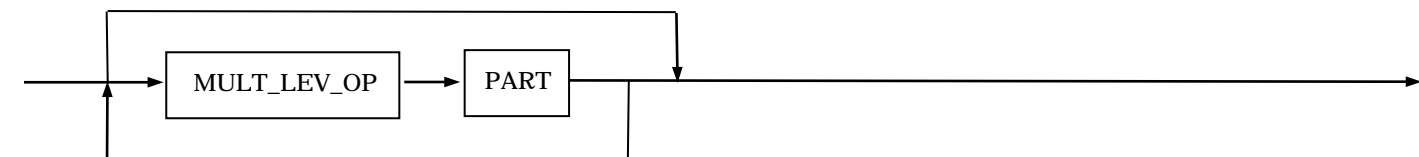
TERMS



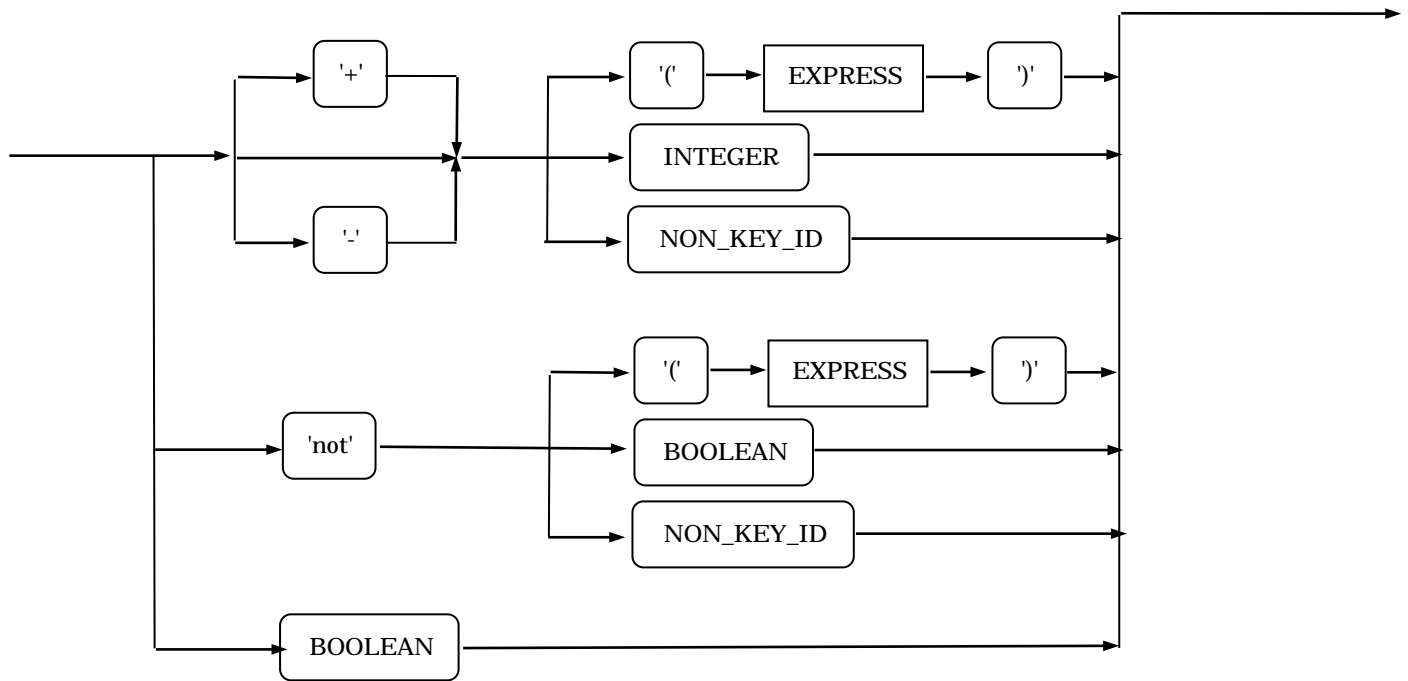
FACTOR



FACTORS



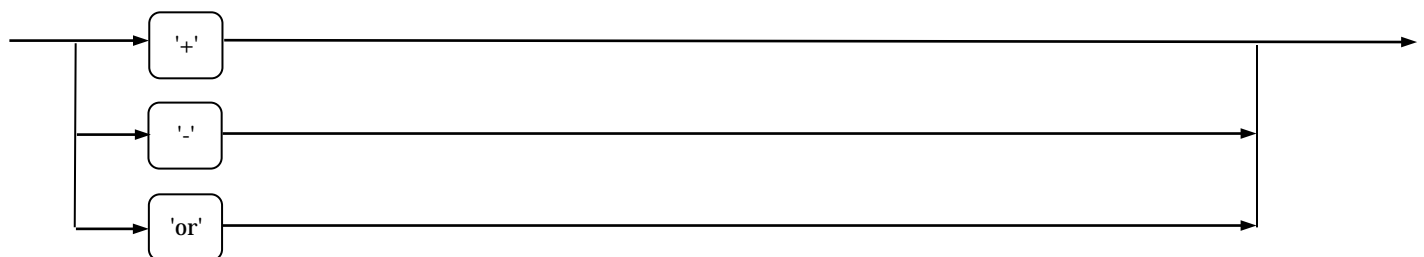
PART



REL_OP



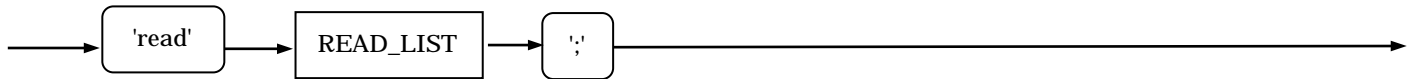
ADD_LEV_OP



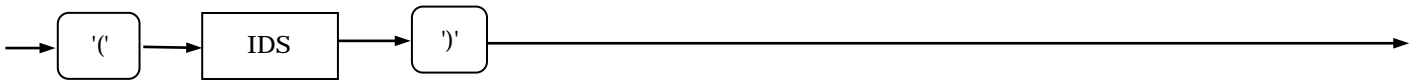
MULT_LEV_OP



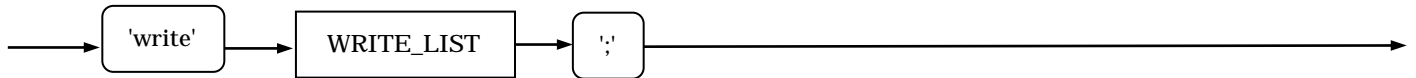
READ_STMT



READ_LIST



WRITE_STMT



WRITE_LIST

