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Parsed Rules
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(1) program → prolog FUNC func_list_pre MAIN '(' ')' '{' EOL body '}' EOL func_list EOF
(2) prolog → PACKAGE MAIN EOL
(3) func_list_pre \rightarrow \epsilon
(4) func_list_pre → FUNC_ID '(' param_list ')' func_def_type EOL FUNC func_list_pre
(5) func_list \rightarrow \epsilon
(6) func_list → func_def func_list
(7) func_def → FUNC FUNC_ID '(' param_list ')' func_def_type EOL
(8) param_list \rightarrow \varepsilon
(9) param_list → VAR_ID type next_param
(10) next_param \rightarrow \epsilon
(11) next_param → ',' VAR_ID type next_param (12) func_def_type → '{' EOL body '}' (13) func_def_type → '(' func_def_ret (14) func_def_ret → ')' '{' EOL body '}'
(15) func_def_ret \rightarrow ret_list ')' '{' EOL body '}'
(16) ret_list → type next_ret
(17) next_ret \rightarrow \epsilon
(18) next_ret → ',' type next_ret
(19) body \rightarrow \varepsilon
(20) body → command EOL body
(21) command → VAR_ID var_
(22) command → func_call
(23) command → if
(24) command → cycle
(25) command → return
(26) var_ → var_def
(27) var_ → var_move
(28) var_def → ':=' EXPR
(29) var_move → next_id '=' expr_list
(30) next_id \rightarrow \epsilon
(31) next_id \rightarrow ',' VAR_ID next_id
(32) if → IF COND '{' EOL body '}' ELSE '{' EOL body '}'
(33) cycle → FOR for_def ';' COND ';' for_move '{' EOL body '}'
(34) for_def \rightarrow \epsilon
(35) for_def → VAR_ID var_def
(36) for_move \rightarrow \epsilon
(37) for_move → VAR_ID var_move
(38) return → RETURN expr_list
(39) func_call → FUNC_ID '(' expr_list ')'
(40) expr_list → EXPR next_expr
(41) expr_list → func_call
(42) next_expr \rightarrow \epsilon
(43) next_expr \rightarrow ',' EXPR next_expr
(44) type → INT
(45) type \rightarrow FLOAT64
(46) type → STRING
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