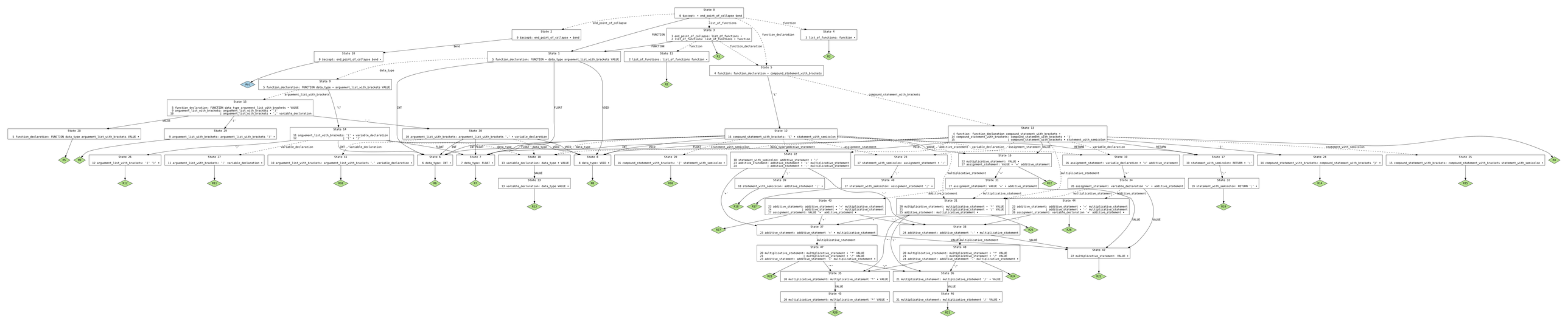
State 0
0 $accept: • end_point_of_collapse $end
end_point_of_collapse
list_of_functions
function
State 2
0 $accept: end_point_of_collapse • $end
State 3
1 end_point_of_collapse: list_of_functions •
2 list_of_functions: list_of_functions • function
FUNCTION
function_declaration
State 4
3 list_of_functions: function •
State 10
0 $accept: end_point_of_collapse $end •
$end
State 1
5 function_declaration: FUNCTION • data_type argument_list_with_brackets VALUE
data_type
INT
FLOAT
VOID
State 11
2 list_of_functions: list_of_functions function •
State 5
4 function: function_declaration • compound_statement_with_brackets
'{'
compound_statement_with_brackets
State 9
5 function_declaration: FUNCTION data_type • argument_list_with_brackets VALUE
argument_list_with_brackets
'('
State 15
5 function_declaration: FUNCTION data_type argument_list_with_brackets • VALUE
9 argument_list_with_brackets: argument_list_with_brackets • ','
10 argument_list_with_brackets: argument_list_with_brackets • ',' variable_declaration
VALUE
State 28
5 function_declaration: FUNCTION data_type argument_list_with_brackets VALUE •
State 29
9 argument_list_with_brackets: argument_list_with_brackets ',' •
State 14
11 argument_list_with_brackets: '(' • variable_declaration
12 | '(' • ')'
')'
variable_declaration
State 30
10 argument_list_with_brackets: argument_list_with_brackets ',' • variable_declaration
State 12
16 compound_statement_with_brackets: '{' • statement_with_semicolon '}'
statement_with_semicolon
data_type
additive_statement
assignment_statement
VOID
VALUE
RETURN
variable_declaration
State 13
4 function: function_declaration compound_statement_with_brackets •
14 compound_statement_with_brackets: compound_statement_with_brackets • '{'
compound_statement_with_brackets statement_with_semicolon
'}'
State 26
12 argument_list_with_brackets: '(' ')' •
State 27
11 argument_list_with_brackets: '(' variable_declaration •
State 41
10 argument_list_with_brackets: argument_list_with_brackets ',' variable_declaration •
State 6
6 data_type: INT •
State 7
7 data_type: FLOAT •
State 8
8 data_type: VOID •
State 18
13 variable_declaration: data_type • VALUE
State 33
13 variable_declaration: data_type VALUE •
State 20
16 compound_statement_with_brackets: '{' statement_with_semicolon • '}'
State 22
18 statement_with_semicolon: additive_statement • ';'
23 additive_statement: additive_statement • '+' multiplicative_statement
24 | additive_statement • '-' multiplicative_statement
State 23
17 statement_with_semicolon: assignment_statement • ';'
State 16
22 multiplicative_statement: VALUE •
27 assignment_statement: VALUE • '=' additive_statement
State 19
26 assignment_statement: variable_declaration • '=' additive_statement
State 17
19 statement_with_semicolon: RETURN • ';'
State 24
14 compound_statement_with_brackets: compound_statement_with_brackets '}' •
State 25
15 compound_statement_with_brackets: compound_statement_with_brackets statement_with_semicolon •
State 39
18 statement_with_semicolon: additive_statement ';' •
State 40
17 statement_with_semicolon: assignment_statement ';' •
State 31
27 assignment_statement: VALUE '=' • additive_statement
State 34
26 assignment_statement: variable_declaration '=' • additive_statement
State 32
19 statement_with_semicolon: RETURN ';' •
State 43
23 additive_statement: additive_statement • '+' multiplicative_statement
24 | additive_statement • '-' multiplicative_statement
27 assignment_statement: VALUE '=' additive_statement •
State 21
20 multiplicative_statement: multiplicative_statement • '*' VALUE
21 | multiplicative_statement • '/' VALUE
25 additive_statement: multiplicative_statement •
State 44
23 additive_statement: additive_statement • '+' multiplicative_statement
24 | additive_statement • '-' multiplicative_statement
26 assignment_statement: variable_declaration '=' additive_statement •
State 37
23 additive_statement: additive_statement '+' • multiplicative_statement
State 38
24 additive_statement: additive_statement '-' • multiplicative_statement
State 42
22 multiplicative_statement: VALUE •
State 47
20 multiplicative_statement: multiplicative_statement • '*' VALUE
21 | multiplicative_statement • '/' VALUE
23 additive_statement: additive_statement '+' multiplicative_statement •
State 48
20 multiplicative_statement: multiplicative_statement • '*' VALUE
21 | multiplicative_statement • '/' VALUE
24 additive_statement: additive_statement '-' multiplicative_statement •
State 35
20 multiplicative_statement: multiplicative_statement '*' • VALUE
State 36
21 multiplicative_statement: multiplicative_statement '/' • VALUE
State 45
20 multiplicative_statement: multiplicative_statement '*' VALUE •
State 46
21 multiplicative_statement: multiplicative_statement '/' VALUE •