State 0
0 $accept: . program $end
program
State 1
0 $accept: program . $end
41 program: program . DEF NAME '(' symlist ')' '{' list '}'
42 program: program . LIST NAME '=' '{' elements '}' ';'
43 program: program . error '\n'
DEF
LIST
State 2
0 $accept: program $end .
State 3
43 program: program error . '\n'
'\n'
State 11
41 program: program DEF . NAME '(' symlist ')' '{' list '}'
NAME
State 18
40 program: program stmt .
State 13
42 program: program LIST . NAME '=' '{' elements '}' ';'
NAME
State 21
43 program: program error '\n' .
State 27
41 program: program DEF NAME . '(' symlist ')' '{' list '}'
'('
State 28
42 program: program LIST NAME . '=' '{' elements '}' ';'
'='
State 40
41 program: program DEF NAME '(' . symlist ')' '{' list '}'
NAME
State 51
42 program: program LIST NAME '=' . '{' elements '}' ';'
'{'
State 69
34 symlist: NAME .
35 | NAME . ',' symlist
','
State 70
41 program: program DEF NAME '(' symlist . ')' '{' list '}'
')'
State 80
35 symlist: NAME ',' . symlist
symlist
State 81
41 program: program DEF NAME '(' symlist ')' . '{' list '}'
'{'
State 85
35 symlist: NAME ',' symlist .
State 91
41 program: program DEF NAME '(' symlist ')' '{' . list '}'
IF
WHILE
FOREACH
NAME
list
State 99
41 program: program DEF NAME '(' symlist ')' '{' list . '}'
'}'
State 107
41 program: program DEF NAME '(' symlist ')' '{' list '}' .
State 9
1 stmt: IF . '(' exp ')' THEN '{' list '}' ';'
2 | IF . '(' exp ')' THEN '{' list '}' ELSE '{' list '}'
State 25
3 stmt: IF '(' . exp ')' THEN '{' list '}' ';'
4 | IF '(' . exp ')' THEN '{' list '}' ELSE '{' list '}'
exp
State 47
1 stmt: IF '(' exp . ')' THEN '{' list '}' ';'
2 | IF '(' exp . ')' THEN '{' list '}' ELSE '{' list '}'
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
')'
State 67
1 stmt: IF '(' exp ')' . THEN '{' list '}' ';'
2 | IF '(' exp ')' . THEN '{' list '}' ELSE '{' list '}'
THEN
State 78
3 stmt: IF '(' exp ')' THEN . '{' list '}' ';'
4 | IF '(' exp ')' THEN . '{' list '}' ELSE '{' list '}'
'{'
State 88
1 stmt: IF '(' exp ')' THEN '{' . list '}' ';'
2 | IF '(' exp ')' THEN '{' . list '}' ELSE '{' list '}'
list
State 92
1 stmt: IF '(' exp ')' THEN '{' list . '}' ';'
2 | IF '(' exp ')' THEN '{' list . '}' ELSE '{' list '}'
'}'
State 105
1 stmt: IF '(' exp ')' THEN '{' list '}' . ';'
2 | IF '(' exp ')' THEN '{' list '}' . ELSE '{' list '}'
';'
ELSE
State 109
1 stmt: IF '(' exp ')' THEN '{' list '}' ';' .
State 110
2 stmt: IF '(' exp ')' THEN '{' list '}' ELSE . '{' list '}'
'{'
State 118
2 stmt: IF '(' exp ')' THEN '{' list '}' ELSE '{' . list '}'
list
State 111
2 stmt: IF '(' exp ')' THEN '{' list '}' ELSE '{' list . '}'
'}'
State 112
2 stmt: IF '(' exp ')' THEN '{' list '}' ELSE '{' list '}' .
State 26
3 stmt: WHILE '(' . exp ')' DO '{' list '}'
State 10
3 stmt: WHILE . '(' exp ')' DO '{' list '}'
'('
State 48
3 stmt: WHILE '(' exp . ')' DO '{' list '}'
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
')'
State 68
3 stmt: WHILE '(' exp ')' . DO '{' list '}'
DO
State 79
3 stmt: WHILE '(' exp ')' DO . '{' list '}'
'{'
State 89
3 stmt: WHILE '(' . exp ')' DO '{' list '}'
exp
State 98
3 stmt: WHILE '(' exp ')' DO '{' list . '}'
'}'
State 106
3 stmt: WHILE '(' exp ')' DO '{' list '}' .
State 14
4 stmt: FOREACH . '(' foreach ')' '{' list '}'
'('
State 30
4 stmt: FOREACH '(' . foreach ')' '{' list '}'
foreach
State 53
4 stmt: FOREACH '(' foreach . ':' '{' list '}'
':'
State 54
22 foreach: name . ':' name
State 75
4 stmt: FOREACH '(' foreach ':' . '{' list '}'
'{'
State 76
22 foreach: name ':' . name
name
State 86
4 stmt: FOREACH '(' foreach ':' '{' . list '}'
State 57
23 name: NAME .
State 87
22 foreach: name ':' name .
State 95
7 list: stmt . list
stmt
State 96
4 stmt: FOREACH '(' foreach ':' '{' list . '}'
list
State 103
7 list: stmt list .
State 104
4 stmt: FOREACH '(' foreach ':' '{' list '}' .
State 15
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
13 | exp . '%' exp
'%'
State 42
5 stmt: exp . ';'
';'
State 4
10 exp: NAME . '+' exp
17 | NAME . explist
19 | NAME . '=' exp
'='
State 17
18 exp: NAME '+' . exp
State 43
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
NAME '+' exp .
State 36
11 exp: exp '+' . exp
State 6
17 exp: FUNC . '(' explist ')'
'('
State 23
20 exp: NAME '(' . explist ')'
explist
State 45
20 exp: NAME '(' explist . ')'
')'
State 60
20 exp: NAME '(' explist ')' .
State 24
17 exp: FUNC '(' . explist ')'
explist
State 46
17 exp: FUNC '(' explist . ')'
')'
State 66
17 exp: FUNC '(' explist ')' .
State 44
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
33 explist: exp . ',' explist
State 35
8 exp: exp AND . exp
State 53
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
14 | exp . '%' exp
State 37
16 exp: exp CMP . exp
State 58
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
13 | exp . '%' exp
15 exp: '(' exp ')' .
State 50
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
13 | exp . '%' exp
')'
State 55
15 exp: '(' exp ')' .
State 39
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
13 | exp . '%' exp
16 exp: '-' exp .
State 41
14 exp: exp '%' . exp
State 62
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
13 | exp . '%' exp
14 | exp '%' exp .
State 64
33 explist: exp . ',' explist
State 77
33 explist: exp ',' . explist
explist
State 29
19 exp: IMG NAME . '=' img
'='
State 50
19 exp: IMG NAME '=' . img
img
State 73
18 img: IMG NAME '=' img .
State 72
31 img: FUNC . '(' explist ')'
State 83
31 img: FUNC '(' . explist ')'
explist
State 92
31 img: FUNC '(' explist . ')'
')'
State 100
31 img: FUNC '(' explist ')' .
State 34
6 exp: exp . AND exp
7 | exp . OR exp
8 | exp . CMP exp
9 | exp . '+' exp
10 | exp . '-' exp
11 | exp . '*' exp
12 | exp . '/' exp
13 | exp . '%' exp
OR
State 38
16 exp: '-' exp '-' .
State 56
7 exp: exp OR . exp
State 31
24 value: '-' . INT
25 | '-' . DOUBLE
DOUBLE
State 32
26 value: '-' DOUBLE .
State 33
24 value: '-' INT .
State 52
21 exp: value .
State 54
38 value: STRING .
State 55
27 value: DOUBLE .
State 57
25 value: INT .
State 74
42 program: program LIST NAME '=' '{' . elements '}' ';'
value
elements
State 84
37 elements: value .
38 | value . ',' elements
State 93
38 elements: value ',' . elements
State 101
38 elements: value ',' elements .
State 82
42 program: program LIST NAME '=' '{' elements . '}' ';'
State 94
42 program: program LIST NAME '=' '{' elements '}' . ';'
State 102
42 program: program LIST NAME '=' '{' elements '}' ';' .