|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State | Action | | | | | | | | | | | goto | | | |
| i | t | e | cmp | id | ( | ) | \*/ | +- | = | $ | L | C | E | A |
| 0 | S2 |  |  |  |  |  |  |  |  |  |  | S1 |  |  |  |
| 1 |  |  |  |  |  |  |  |  |  |  | ACC |  |  |  |  |
| 2 |  |  |  |  | S6 | S5 |  |  |  |  |  |  | S3 | S4 |  |
| 3 |  | S7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  | S8 |  |  |  | S9 | S10 |  |  |  |  |  |  |
| 5 |  |  |  |  | S13 | S12 |  |  |  |  |  |  |  | S11 |  |
| 6 |  |  |  | R8 | R8 |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  | S15 |  |  |  |  |  |  |  |  |  | S14 |
| 8 |  |  |  |  | S18 | S17 |  |  |  |  |  |  |  | S16 |  |
| 9 |  |  |  |  | S6 | S5 |  |  |  |  |  |  |  | S19 |  |
| 10 |  |  |  |  | S6 | S5 |  |  |  |  |  |  |  | S20 |  |
| 11 |  |  |  |  |  |  | S21 | S22 | S23 |  |  |  |  |  |  |
| 12 |  |  |  |  | S13 | S12 |  |  |  |  |  |  |  | S24 |  |
| 13 |  |  |  |  |  |  | R8 | R8 | R8 |  |  |  |  |  |  |
| 14 |  |  | S25 |  |  |  |  |  |  |  | R1 |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  | S26 |  |  |  |  |  |
| 16 |  | R3 |  |  |  |  |  | S27 | S28 |  |  |  |  |  |  |
| 17 |  |  |  |  | S18 | S17 |  |  |  |  |  |  |  | S29 |  |
| 18 |  | R8 |  |  |  |  |  | R8 | R8 |  |  |  |  |  |  |
| 19 |  |  |  | R5 |  |  |  | R5 | R5 |  |  |  |  |  |  |
| 20 |  |  |  | R6 |  |  |  | S9 | R6 |  |  |  |  |  |  |
| 21 |  |  |  | R7 |  |  |  | R7 | R7 |  |  |  |  |  |  |
| 22 |  |  |  |  | S13 | S12 |  |  |  |  |  |  |  | S30 |  |
|  | i | t | e | cmp | id | ( | ) | \*/ | +- | = | $ | L | C | E | A |
| 23 |  |  |  |  | S13 | S12 |  |  |  |  |  |  |  | S31 |  |
| 24 |  |  |  |  |  |  | S32 | S22 | S23 |  |  |  |  |  |  |
| 25 |  |  |  |  | S34 |  |  |  |  |  |  |  |  |  | S33 |
| 26 |  |  |  |  | S37 | S36 |  |  |  |  |  |  |  | S35 |  |
| 27 |  |  |  |  | S18 | S17 |  |  |  |  |  |  |  | S38 |  |
| 28 |  |  |  |  | S18 | S17 |  |  |  |  |  |  |  | S39 |  |
| 29 |  |  |  |  |  |  | S40 | S27 | S28 |  |  |  |  |  |  |
| 30 |  |  |  |  |  |  | R5 | R5 | R5 |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  | R6 | S22 | R6 |  |  |  |  |  |  |
| 32 |  |  |  |  |  |  | R7 | R7 | R7 |  |  |  |  |  |  |
| 33 |  |  |  |  | S34 |  |  |  |  |  | R2 |  |  |  |  |
| 34 |  |  |  |  |  |  |  |  |  | S41 |  |  |  |  |  |
| 35 |  |  | R4 |  |  |  |  | S42 | S43 |  | R4 |  |  |  |  |
| 36 |  |  |  |  | S37 | S36 |  |  |  |  |  |  |  | S44 |  |
| 37 |  |  | R8 |  |  |  |  | R8 | R8 |  | R8 |  |  |  |  |
| 38 |  | R5 |  |  |  |  |  | R5 | R5 |  |  |  |  |  |  |
| 39 |  | R6 |  |  |  |  |  | S27 | R6 |  |  |  |  |  |  |
| 40 |  | R7 |  |  |  |  |  | R7 | R7 |  |  |  |  |  |  |
| 41 |  |  |  |  | S47 | S46 |  |  |  |  |  |  |  | S45 |  |
| 42 |  |  |  |  | S37 | S36 |  |  |  |  |  |  |  | S48 |  |
| 43 |  |  |  |  | S37 | S36 |  |  |  |  |  |  |  | S49 |  |
| 44 |  |  |  |  |  |  | S56 | S42 | S43 |  |  |  |  |  |  |
|  | i | t | e | cmp | id | ( | ) | \*/ | +- | = | $ | L | C | E | A |
| 45 |  |  |  |  |  |  |  | S50 | S51 |  | R4 |  |  |  |  |
| 46 |  |  |  |  | S47 | S46 |  |  |  |  |  |  |  | S52 |  |
| 47 |  |  |  |  |  |  |  | R8 | R8 |  | R8 |  |  |  |  |
| 48 |  |  | R5 |  |  |  |  | R5 | R5 |  | R5 |  |  |  |  |
| 49 |  |  | R6 |  |  |  |  | S42 | R6 |  | R6 |  |  |  |  |
| 50 |  |  |  |  | S47 | S46 |  |  |  |  |  |  |  | S53 |  |
| 51 |  |  |  |  | S47 | S46 |  |  |  |  |  |  |  | S54 |  |
| 52 |  |  |  |  |  |  | S55 | S50 | S51 |  |  |  |  |  |  |
| 53 |  |  |  |  |  |  |  | R5 | R5 |  | R5 |  |  |  |  |
| 54 |  |  |  |  |  |  |  | S50 | R6 |  | R6 |  |  |  |  |
| 55 |  |  |  |  |  |  |  | R7 | R7 |  | R7 |  |  |  |  |
| 56 |  |  | R7 |  |  |  |  | R7 | R7 |  | R7 |  |  |  |  |

PS:

Using Precedence and Associativity to Resolve Parsing Action Conflicts