LL Parsing

"LT parsing" — L≡T

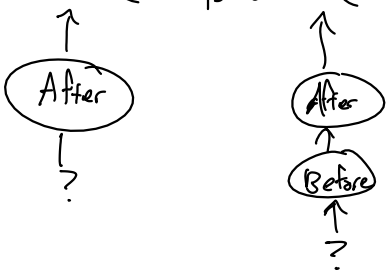
left ≡ top

Order of consumption (input)

Order of construction

Building from the top of AST down

after (before (0)) 1 + 2

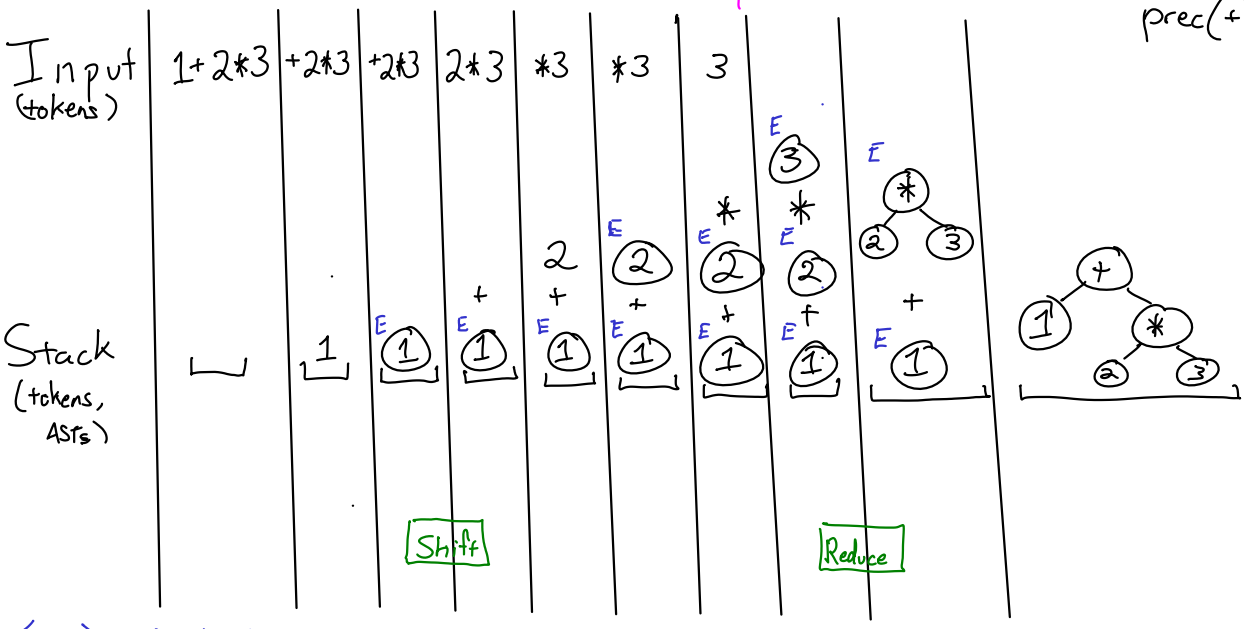


LR Parsing

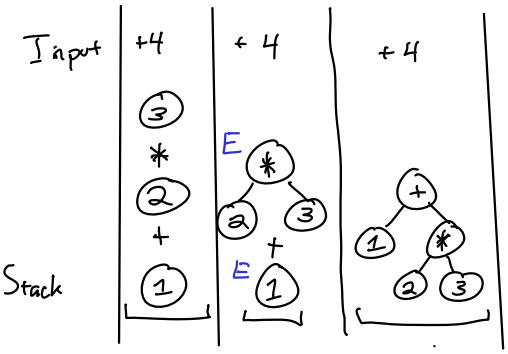
Bottom up construction

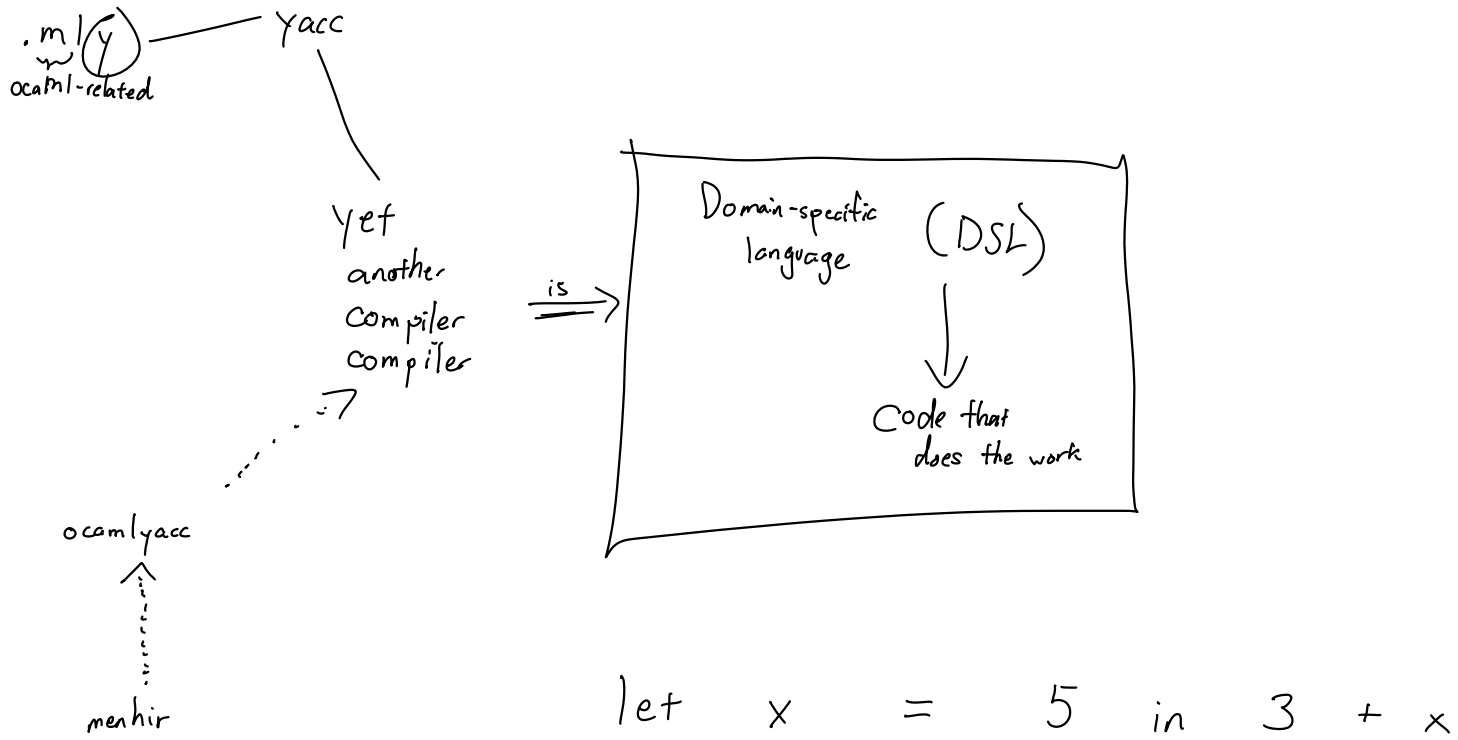
<expr> ::= <expr> + <expr>
| <expr> * <expr>
| <integer>

prec(+) < prec(*)



<expr> • + <expr> :
<expr> * <expr> •





let x = 5 in 3 + x

→ let x = 5 in (3 + x)
(let x = 5 in 3) + x