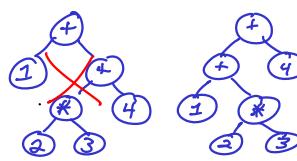


Parsing

left-to-right
consumption
(top-down)

L/R Parsing

bottom-up
construction

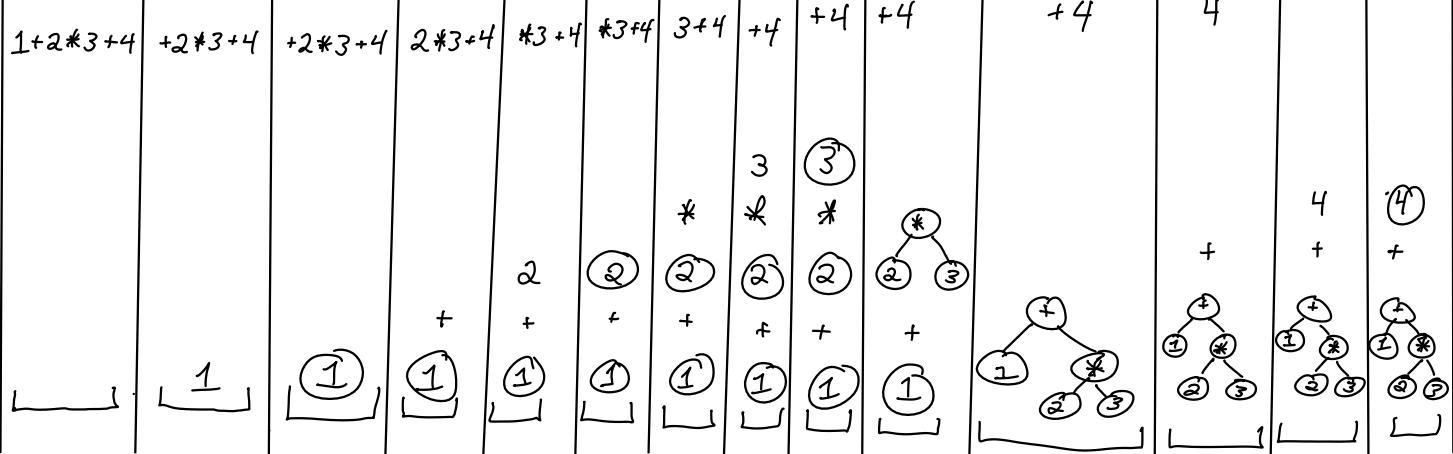


"shift" b/c
 $\text{prec}(*) > \text{prec}(+)$

"reduce" b/c
 $\text{prec}(+) < \text{prec}(*)$

"reduce" b/c
 $\text{prec}(+) = \text{prec}(+)$
and + is left assoc.

input
(tokens)



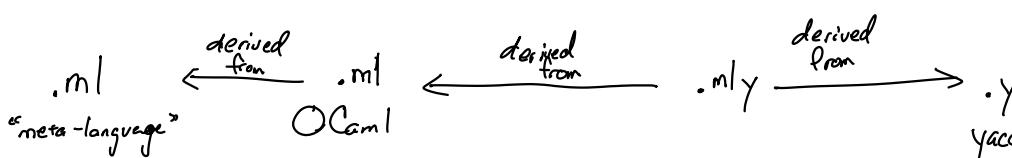
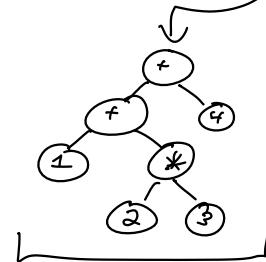
$\langle \text{expr} \rangle ::= \langle \text{expr} \rangle + \langle \text{expr} \rangle$

| $\langle \text{expr} \rangle * \langle \text{expr} \rangle$

|

+ is left assoc
* is left assoc

prec : +, *



yet
another
Compiler
Compiler
(is a)

Domain-specific
language
(DSL)

based on OCaml/yacc ← based on menhir