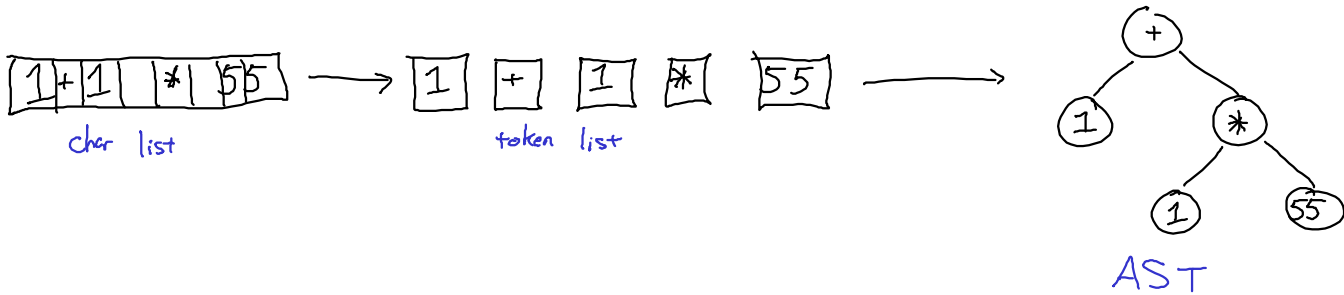
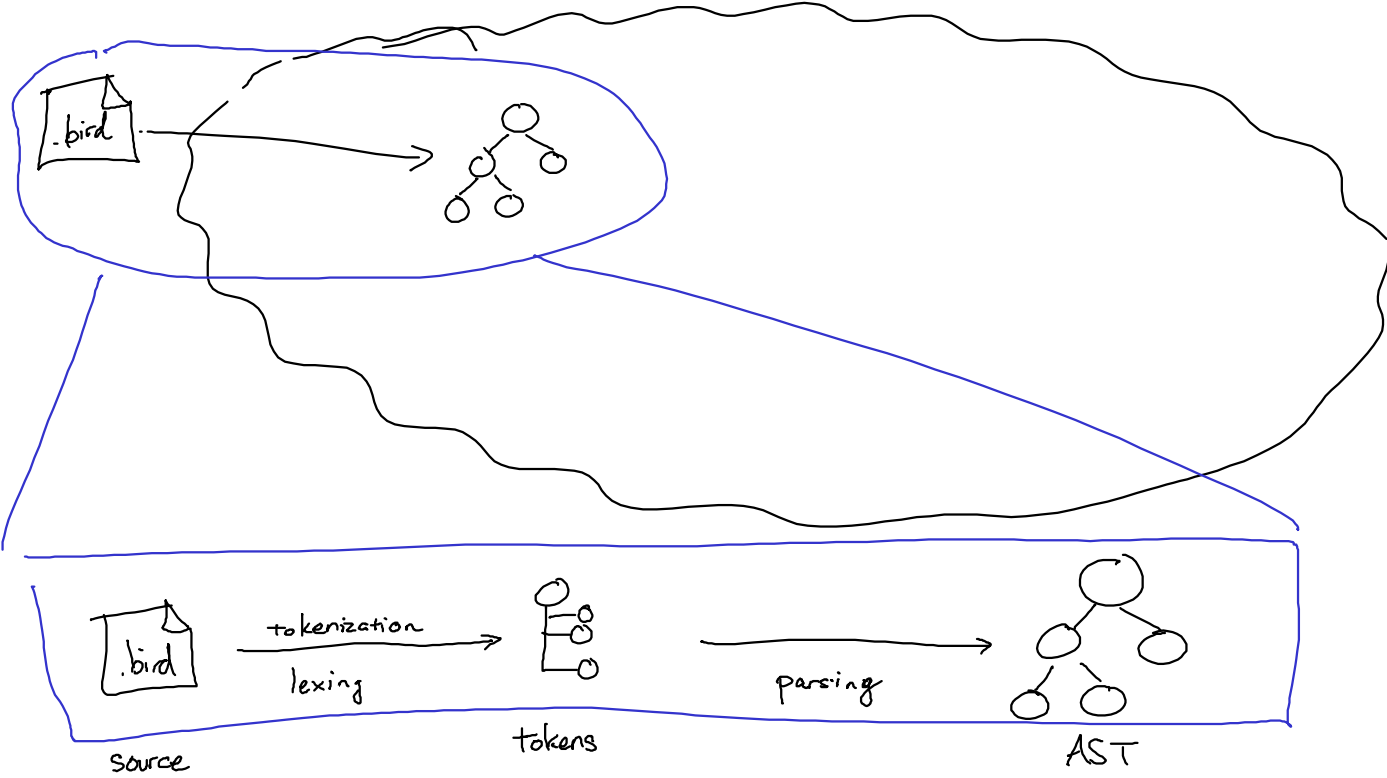
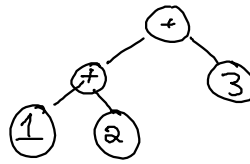


Parsing



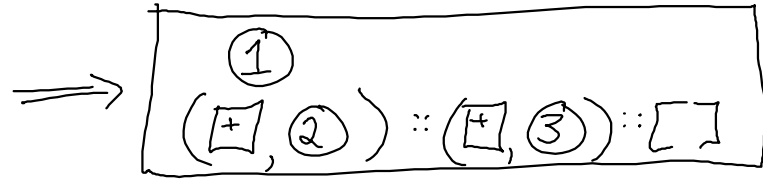
$\boxed{1} + \boxed{2} + \boxed{3}$



after(1) + after(2) + after(3)

after(1+2+3)

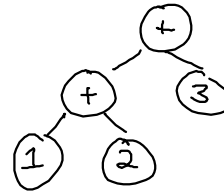
$1+2+3 \Rightarrow$ parse a smaller expr
as much as possible:
parse op
parse another smaller expr



Left-recursive grammar rule:

can reach itself consuming no tokens

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



LL Parser
left to right
top to bottom