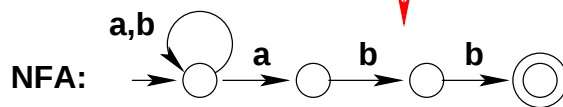


RE: $/(a|b)^*abb/$

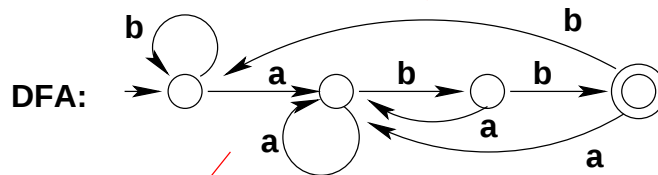
Parser

RE in RPN: $ab|^*a+b+b+$

Translate to
NFA



Subset
Construction



babb → DFA Simulator

$\{0\} \xrightarrow{b} \{0\} \xrightarrow{a} \{0,1\} \xrightarrow{b} \{0,2\} \xrightarrow{b} \{0,3\}$
3 = term, accept

babb →

NFA
Simulator

	0	1	2	3
b	T			
a	T	T		
b	T		T	
b	T			T

3 = term, accept

= software