Introduction

Convert simple regular expressions to deterministic finite automaton. (Regex => NFA => DFA)

Supported grammars

- r = (s)
- r = st
- r = s|t
- r = s*
- r = s+
- r = s?
- r = ϵ
  (Copy this character to input if needed)

Examples

- (a|b)*
- (a*|b*)*
- ((ϵ|a)b*)*
- (a|b)*abb(a|b)*

Input: “|”

CONVERT

NFA: https://cyberzhg.github.io/toolbox/regex2nfa?regex=4oCcfOKAmQ== (https://cyberzhg.github.io/toolbox/regex2nfa?regex=4oCcfOKAmQ==)
Min-DFA: https://cyberzhg.github.io/toolbox/min_dfa?regex=4oCcfOKAmQ== (https://cyberzhg.github.io/toolbox/min_dfa?regex=4oCcfOKAmQ==)

NFA STATE	DFA STATE	TYPE	’	”
{0,1,3}	A		B	C
{4,5}	B	accept		
{2,5}	C	accept		

URL: https://cyberzhg.github.io/toolbox/nfa2dfa?regex=4oCcfOKAmQ==