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==