

Introduction

Convert simple regular expressions to minimum deterministic finite automaton. (Regex => NFA => DFA => Min-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

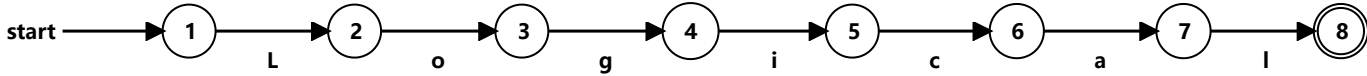
- `(a|b)*`
- `(a*|b*)*`
- `((ε|a)b*)*`
- `(a|b)*abb(a|b)*`

Input:

CONVERT

DFA: <https://cyberzhg.github.io/toolbox/nfa2dfa?regex=TG9naWNhbA==> (<https://cyberzhg.github.io/toolbox/nfa2dfa?regex=TG9naWNhbA==>)

DFA STATE	Min-DFA STATE	TYPE	L	a	c	g	i	l	o
{A}	1		2						
{B}	2								3
{C}	3					4			
{D}	4						5		
{E}	5				6				
{F}	6			7					
{G}	7							8	
{H}	8	accept							



URL: https://cyberzhg.github.io/toolbox/min_dfa?regex=TG9naWNhbA==