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

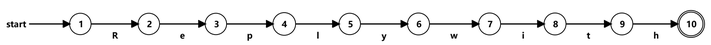
- `(a|b)*`
- `(a*|b*)*`
- `((ϵ|a)b*)*`
- `(a|b)*abb(a|b)*`

Input: `Replywith`

CONVERT

DFA: https://cyberzhg.github.io/toolbox/nfa2dfa?regex=UmVwbHl3aXRo (https://cyberzhg.github.io/toolbox/nfa2dfa?regex=UmVwbHl3aXRo)

DFA STATE	Min-DFA STATE	TYPE	R	e	h	i	l	p	t	w	y
{A}	1		2								
{B}	2			3							
{C}	3							4			
{D}	4						5				
{E}	5										6
{F}	6									7	
{G}	7					8					
{H}	8								9		
{I}	9				10						
{J}	10	accept									



URL: https://cyberzhg.github.io/toolbox/min_dfa?regex=UmVwbHl3aXRo