

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)*`

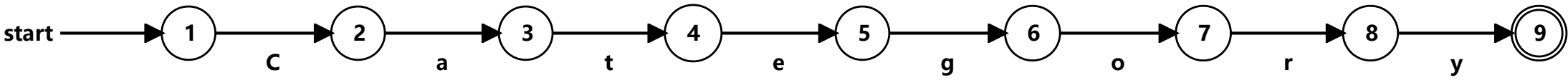
Input:

Category

CONVERT

DFA: <https://cyberzhg.github.io/toolbox/nfa2dfa?regex=Q2F0ZWdvcnk=> (<https://cyberzhg.github.io/toolbox/nfa2dfa?regex=Q2F0ZWdvcnk=>)

DFA STATE	Min-DFA STATE	TYPE	C	a	e	g	o	r	t	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	accept								



URL:

https://cyberzhg.github.io/toolbox/min_dfa?regex=Q2F0ZWdvcnk=