

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

DFA STATE	Min-DFA STATE	TYPE	=
{A}	1		2
{B}	2	accept	

start

1

=

2

URL:

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