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:

`(A|B|C|E|F|G|H|I|J|K|L|M|N|O|P|Q|R|S|T|U|V|W|X|Y|Z|a|b|c|d|e|f|g|h|i|j|k|l|m|n|o|p|q|r|s|t|u|v|w|x|y|z|_)+(0|1|2|3|4|5|6|7|8|9|A|B|C|E|F|G|H|I|J|K|L|M|N|O|P|Q|R|S|T|U|V|W|X|`

CONVERT

DFA: https://cyberzhg.github.io/toolbox/nfa2dfa?
regex=KEF8QnxDfEV8RnxHfEh8SXxKfEt8THxNfE58T3xQfFF8UnxTfFR8VXxWfFd8WHxZfFp8YXxifGN8ZHxlfGZ8Z3xofGl8anxrfGx8bXxufG98cHxxfHJ8c3x0fHV8dnx3fHh8eXx6fF8pKygwfDF8MnwzfDR8NXw2fDd8OHw5f

URL:

https://cyberzhg.github.io/toolbox/min_dfa?regex=KEF8QnxDfEV8RnxHfEh8SXxKfEt8THxNfE58T3xQfFF8UnxTfFR8VXxWfFd8WHxZfFp8YXxifGN8ZHxlfGZ8Z3xofGl8anxrfGx8bXxufG98cHxxfHJ8c3x0fHV8dnx3fHh8eX