



State Diagram Generator and Expression Parser

Theory of Computation (MC-304)

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I had the opportunity to learn how regular languages and deterministic automata are used in real life examples and how important regular languages are as they are used in parsers, lexical token analysers etc.

In this project I learnt how to create a deterministic automata given any regular expression, convert that automata into a recognized interface language DotScript and then further convert that DotScript into an svg image that the user can use to analyze and understand the language.

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