Teoria de Autmatas y Lenguajes Formales

Prctica 2: Automata in JFLAP

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DESCRIPCION DEL AUTOMATA

A deterministic finite automaton (DFA) is a 5-tuple $(K, \Sigma, \delta, s, F)$, where

K is a non-empty set of states

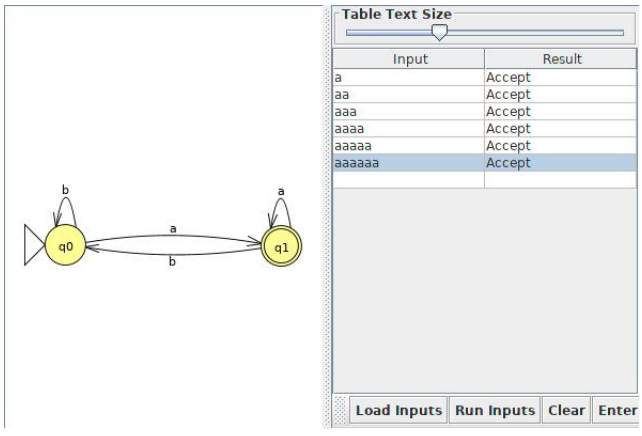
Σ is an alphabet

$s \in K$ is the initial state

$F \subseteq K$ is a set of final states

$\delta : K \times \Sigma \to K$ is the transition function

AUTOMATA EN JFLAP



DESCRPCION DEL JSON CON ORACLE

$M = (q_0, q_1, a, b, q_0, q_1, (q_0, a, q_1), (q_0, b, q_0), (q_1, a, q_1), (q_1, b, q_0))$

$w = aaa$

$(q_0, aaa) \vdash (q_1, aa) \vdash (q_1, a) \vdash (q_1, \varepsilon)$

x (M)