ADAM SERGIU-RADU , 931 / 1 .

FA.in STRUCTURE

Line 1 : the list of states of the FA, separated by "," .

Line 2 : the alphabet, separated by "," .

Line 3 : the initial state of the FA .

Line 4 : final states of the FA separated by ",".

Line 5..EOF: each line is one transition function of form: state, alphabet element, state.

EBNF describing the file:

fa.in = stateLst alphabet initialState stateLst transitionLst

stateLst = state {"," state}

character = digit | lowercase

alphabetLetter = character

alphabet = alphabetLetter {"," alphabetLetter}

initialState = state

transition = state "," state "," alphabetLetter

transitionLst = transition {transition}

state = word

word = character{character}

digit = "0" | "1" | ... | "9"

lowercase = "a" | "b" | ... | "z"