Autómata

+aplhabet: String[]

+statesDFA: HasSet<HasSet<State>>
+statesNDFA: ArrayList<State> +initialState: HashSet<State> +finalStates: HashSet<State>

+Automata(): Automata

+createStates(): void +createStatesGUI(stateAmount: int): String

+setInitialState(): void

+setInitialStateGUI(index: int): String +setAcceptanceStates(): void

+setAcceptanceStatesGUI(String indices): String +setAlphabet(): void

+setAlphabetGUI(symbols: String): String +addTransitionsGUI(transition: String): void

+convertToDFA(): void

+findDestinationSet(originalSet: HasSet<State>): void

+findDestinationSetWithSymbol(originalSet: HashSet<State>, symbol: String): HashSet<State>

+toString(): String



State

+id:String

+transitions:HasMap<String, HasSet<State>>

+State(id: String):State +toString(): String