```
using gold.structures.automaton.*
using gold.visualization.automaton.*

procedure main(args: String[]) begin
    Q := {"A", "C", "D", "E"}
    Σ := ('a'..'b')
    q := "E"
    F := {"C"}
    Δ = [["A", 'λ', "C"], ["A", 'a',"D"],
    ["D", 'λ', "C"],
    ["C", 'λ', "E"],
    ["E", 'a', "E"], ["E", 'b', "E"], ["E", 'b', "A"]]

    A := GNondeterministicAutomaton(Q,Σ,q,F, Δ)
    GAutomataFrame.show(A)
end
```

GOLD Automata Viewer

File   View   Tools   Window   Help

NFA - Untitled automaton #1

Problems   Declaration   Console ⊠

task3_gpuyo.gold.NFA1 [GOLD Application] C:\Program Files\Java\jre1.8.0_231\bin\javaw.exe (Feb 11, 202

Automaton execution

Input string: aba

Input tape: ▷ a b a ⎵ ⎵ ⎵ ...

Output tape: ▷ ⎵ ⎵ ...

Stack tape: ▷ ⎵ ⎵ ...

Progress: *The input string was accepted (string processed, final state reached)*

Close