

A prototypical Parser  
Visualizer instance

# General View

**Main**

Input Graph - test\_new1.txt

auto ⚏ Show control panel

```

graph TD
    START6((START 6)) -- g0 --> PRED7{PREDICATE 7}
    PRED7 -- true --> INSTRUCTION1[INSTRUCTION 1]
    PRED7 -- false --> PRED12{PREDICATE 12}
    PRED12 -- true2 --> INSTRUCTION11[INSTRUCTION 11]
    PRED12 -- false2 --> PRED9{PREDICATE 9}
    PRED9 -- true4 --> INSTRUCTION10[INSTRUCTION 10]
    PRED9 -- false2 --> INSTRUCTION2[INSTRUCTION 2]
    PRED9 -- false2 --> INSTRUCTION3[INSTRUCTION 3]
    INSTRUCTION2 -- next1 --> INSTRUCTION8[INSTRUCTION 8]
    INSTRUCTION3 -- next2 --> INSTRUCTION10
    INSTRUCTION8 -- next1 --> INSTRUCTION13[INSTRUCTION 13]
    INSTRUCTION10 -- next2 --> INSTRUCTION13
    INSTRUCTION13 -- next3 --> PRED14{PREDICATE 14}
    PRED14 -- false3 --> INSTRUCTION15[INSTRUCTION 15]
    PRED14 -- true3 --> INSTRUCTION4[INSTRUCTION 4]
    INSTRUCTION15 -- stop --> END5((END 5))
    INSTRUCTION4 -- stop --> END5
  
```

**Graph Stack**

auto ⚏ Show control panel

Show the vertex ids  Keep positions

**Packed Parse Forest**

Show control panel  Show relational nodes  Show the vertex ids  Keep positions

STATEMENTS  DIRECTITEMS

Control Panel - test\_new1.txt

Reorder windows Visualize input Graph window Visualize Graph Stack window

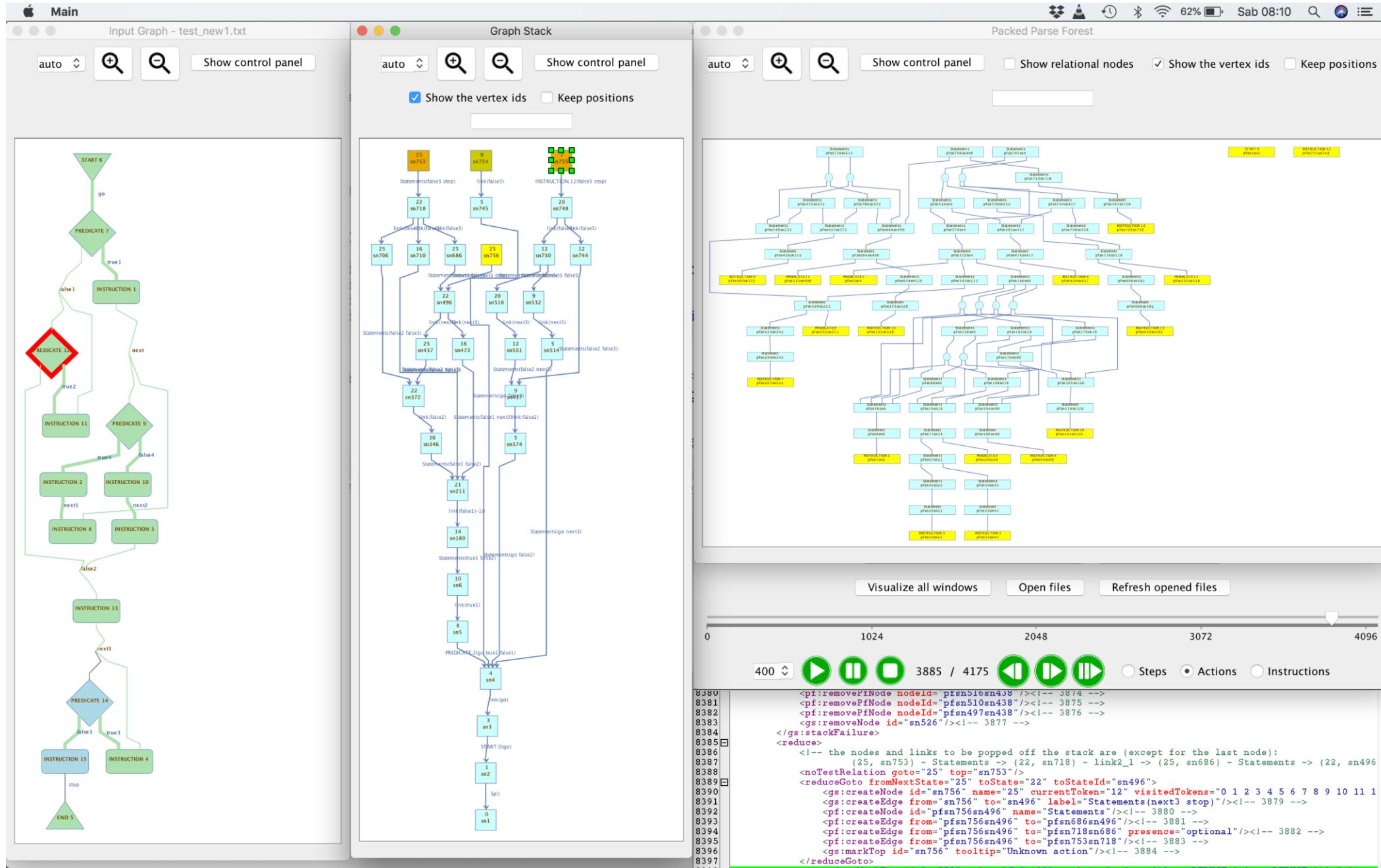
Visualize Packed Parse Forest window Visualize log panel

Visualize all windows Open files Refresh opened files

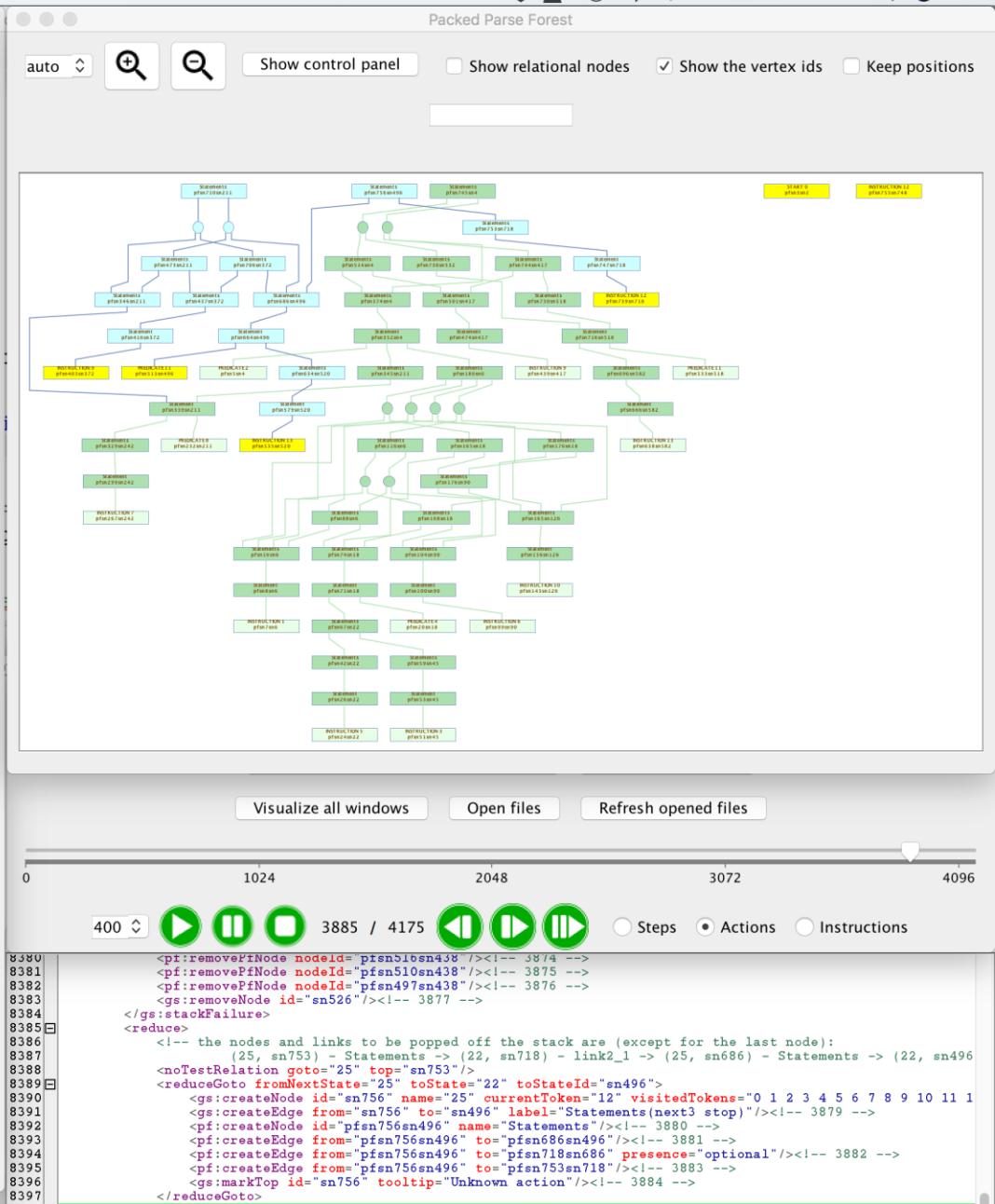
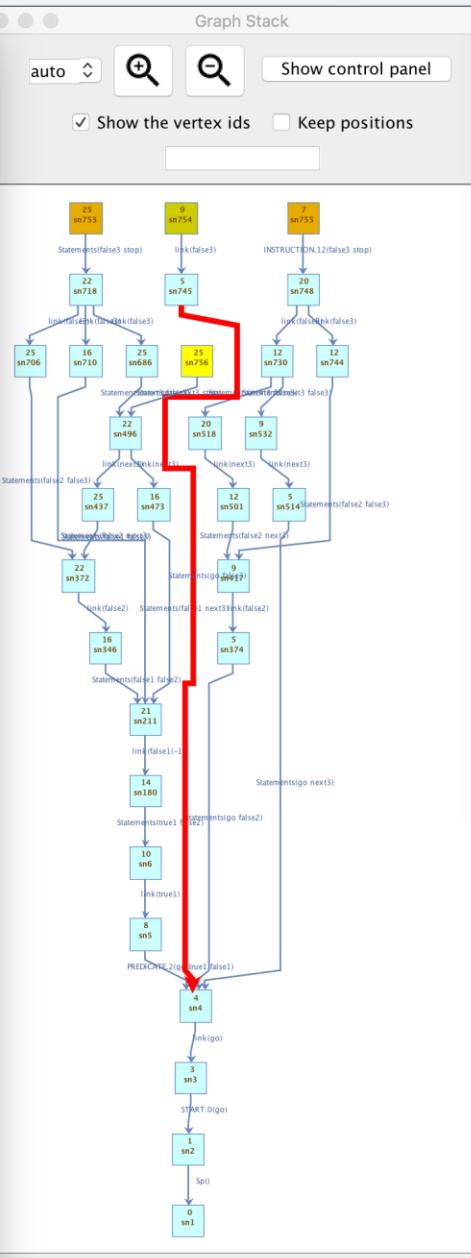
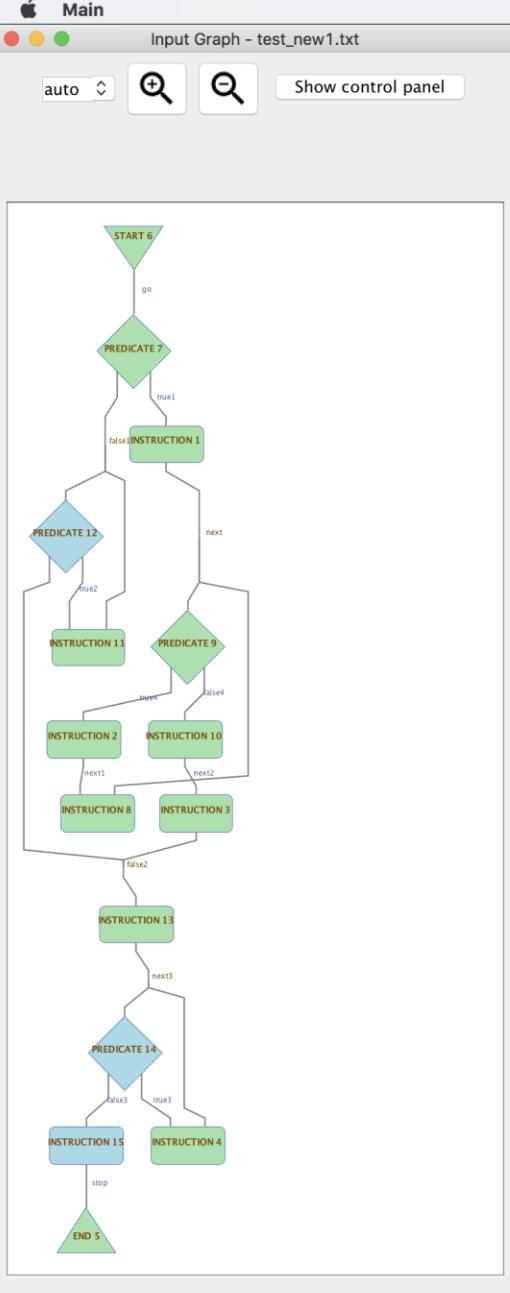
400 ⚏ 3885 / 4175 ⚬ Steps ⚬ Actions ⚬ Instructions

8392 <pfc:createNode id="pfsn756sn496" name="Statements"/><!-- 3880 -->
8393 <pfc:createEdge from="pfsn756sn496" to="pfsn686sn496"/><!-- 3881 -->
8394 <pfc:createEdge from="pfsn756sn496" to="pfsn718sn686" presence="optional"/><!-- 3882 -->
8395 <pfc:createEdge from="pfsn756sn496" to="pfsn753sn718"/><!-- 3883 -->
8396 <gs:markTop id="sn756" tooltip="Unknown action"/><!-- 3884 -->
8397 </reduceGoto>
8398 <reduceRemovePath id="sn753">
8399 <gs:removeEdge from="sn718" to="sn686"/><!-- 3886 -->
8400 <gs:removeEdge from="sn686" to="sn496"/><!-- 3887 -->
8401 <gs:removeNode id="sn686"/><!-- 3888 -->
8402 </reduceRemovePath>
8403 </reduceRemovePath>
8404 <reduce>
8405 </reduce>
8406 <!-- the nodes and links to be popped off the stack are (except for the last node):<br/>
8407 (25, sn753) - Statements -> (22, sn718) - link2\_1 -> (25, sn706) - Statements -> (22, sn372) ->
8408 <noTestRelation goto="25" top="sn753"/>
8409 <reduceGoto fromNextState="25" toState="22" toStateId="sn372"/>

# Clicking on a GSS node (highlighted elements are in green)



# Clicking on a GSS edge



# Clicking on a Parse Forest Node

