```
2 "constraintDefinitions": [
      "name": "boundary",
                                                                                             1 set that contains all nodes
      "forEach": [
         {"constraint": "position", "position": "right", "of":"left guide", "gap": 10},
                                                                                                      91 constraints
         {"constraint": "position", "position": "left", "of": "right quide", "gap": 10}
                                                                                                      91 constraints
 8
9
    },
10
11
       "sets": {"partition": "type", "exclude": ["unknown", "downstream genes"]},
                                                                                                           4 sets
       "forEach": [{"constraint": "padding", "amount": 15}]
                                                                                             padding added to 47 nodes
13
    },
14
15
      "sets": [{"partition": "type", "exclude": ["unknown"]}],
                                                                                                            1 set
16
      "forEach": [
17
         {
           "constraint": "order", "axis": "y", "by": "type",
           "band": 100, "gap": 30,
19
                                                                                                     180 constraints
           "order": ["extracellular", ..., "downstream genes"]
21
22
23
    },
24
25
      "from": {"expr": "node.type === 'downstream genes'"},
                                                                                                           12 sets
      "sets": {"partition": "group"},
26
27
      "forEach": [
         {"constraint": "hull", "style": "visible"},
                                                                                            12 WebCoLa groups created
         {"constraint": "cluster"},
                                                                                                145 new edges added
         {"constraint": "padding". "amount": 5}
                                                                                             padding added to 43 nodes
31
32
    },
33
34
      "from": {"expr": "node.type === 'unknown'"},
                                                                                                            1 set
      "sets": {"keys": ["node. id", "node.neighbors.extract(' id')"]},
      "forEach": [{"constraint": "align", "axis": "x"}]
                                                                                                        1 constraint
37
```

1 "quides": [{"name": "left quide", "x": 250}, {"name": "right quide", "x": 750}],

38]