```
"guides": [{"name": "top", "y": 50}, {"name": "boundary", "y": 100}, {"name": "bottom", "y": 400}],
   "constraintDefinitions": [
 3
        "name": "ethnographic groups",
 4
                                                                                                                  3 sets
        "sets": {"partition": "group", "exclude": ["other"]},
        "forEach": [
 6
          { "constraint": "position", "position": "below", "of": "boundary", "gap": 75 }, { "constraint": "position", "position": "above", "of": "bottom", "gap": 30 }
                                                                                                            28 constraints
                                                                                                            28 constraints
 9
10
      },
11
12
        "sets": [[
          {"expr": "node.group === 'white men'"},
13
14
          {"expr": "node.group === 'young white women' || node.group === 'other'"},
                                                                                                                  3 sets
          {"expr": "node.group === 'african american men'"}
15
        1],
16
        "forEach": [
17
          {"constraint": "order", "axis": "x", "by": " exprIndex", "band": 300, "gap": 30}
18
                                                                                                            82 constraints
19
20
      },
21
22
        "name": "other individuals",
                                                                                                                   1 set
23
        "sets": {"partition": "group", "include": ["other"]},
24
        "forEach": [
          {"constraint": "position", "position": "below", "of": "top", "gap": 5},
                                                                                                            13 constraints
          {"constraint": "position", "position": "above", "of": "boundary", "gap": 5}, {"constraint": "padding", "amount": 8}
                                                                                                            13 constraints
                                                                                                  padding added to 13 nodes
28
29
      },
30
31
        "name": "women",
                                                                                                                   1 set
32
        "sets": {"partition": "group", "include": ["young white women"]},
33
        "forEach": [
          {"constraint": "circle", "around": "center", "radius": 75}
                                                                                                       56 new edges added
35
36
      },
37
        "name": "men",
                                                                                                                  2 sets
39
        "sets": {"partition": "group", "exclude": ["young white women", "other"]},
        "forEach": [
40
          {"constraint": "align", "axis": "y"},
41
                                                                                                             2 constraints
```

padding added to 12 nodes

{"constraint": "padding", "amount": 10}

43

44 45] }