

```
1 "guides": [ {"name": "left_guide", "x": 250}, {"name": "right_guide", "x": 750} ],
2 "constraintDefinitions": [
3   {
4     "name": "boundary",
5     "forEach": [
6       {"constraint": "position", "position": "right", "of": "left_guide", "gap": 10},
7       {"constraint": "position", "position": "left", "of": "right_guide", "gap": 10}
8     ]
9   },
10  {
11    "sets": {"partition": "type", "exclude": ["unknown", "downstream genes"]},
12    "forEach": [{"constraint": "padding", "amount": 15}]
13  },
14  {
15    "sets": [{"partition": "type", "exclude": ["unknown"]}],
16    "forEach": [
17      {
18        "constraint": "order", "axis": "y", "by": "type",
19        "band": 100, "gap": 30,
20        "order": ["extracellular", ..., "downstream genes"]
21      }
22    ]
23  },
24  {
25    "from": {"expr": "node.type === 'downstream genes'"},
26    "sets": {"partition": "group"},
27    "forEach": [
28      {"constraint": "hull", "style": "visible"},
29      {"constraint": "cluster"},
30      {"constraint": "padding", "amount": 5}
31    ]
32  },
33  {
34    "from": {"expr": "node.type === 'unknown'"},
35    "sets": {"collect": ["node._id", "node.neighbors.extract('_id')"]},
36    "forEach": [{"constraint": "align", "axis": "x"}]
37  }
38 ]
```