

```
1 "guides": [
2   {"name": "top_guide", "y": 0},
3   {"name": "bottom_guide", "y": 100},
4   {"name": "carnivore_guide", "x": 450},
5   {"name": "herbivore_guide", "x": 300},
6   {"name": "plant_guide", "x": 125}
7 ],
8 "constraintDefinitions": [
9   {
10    "name": "plants",
11    "sets": {"partition": "group1", "include": [7,8,9,10,11,12,13,14]},
12    "forEach": [
13      {"constraint": "position", "position": "right", "of": "plant_guide", "gap": 185},
14      {"constraint": "position", "position": "left", "of": "herbivore_guide", "gap": 200},
15      {"constraint": "position", "position": "below", "of": "top_guide", "gap": 0},
16      {"constraint": "position", "position": "above", "of": "bottom_guide", "gap": 0},
17      {"constraint": "padding", "amount": 1},
18      {"constraint": "cluster"}
19    ]
20  },
21  {
22    "sets": ["plants"],
23    "forEach": [
24      {"constraint": "order", "axis": "y", "by": "group1", "gap": 25}
25    ]
26  },
27  {
28    "name": "herbivores",
29    "sets": {"partition": "group1", "include": [3,4,5,6]},
30    "forEach": [
31      {"constraint": "align", "axis": "y"},
32      {"constraint": "position", "position": "right", "of": "herbivore_guide", "gap": 185},
33      {"constraint": "position", "position": "left", "of": "carnivore_guide", "gap": 185},
34      {"constraint": "position", "position": "below", "of": "top_guide", "gap": 250},
35      {"constraint": "position", "position": "above", "of": "bottom_guide", "gap": 50},
36      {"constraint": "hull"}
37    ]
38  },
39  {
40    "sets": ["herbivores"],
41    "forEach": [
42      {"constraint": "order", "axis": "y", "by": "group1", "gap": 75}
43    ]
44  },
45  {
46    "name": "carnivores",
47    "sets": {"partition": "group1", "include": [1,2]},
48    "forEach": [
49      {"constraint": "align", "axis": "y"},
50      {"constraint": "position", "position": "right", "of": "carnivore_guide", "gap": 185},
51      {"constraint": "position", "position": "below", "of": "top_guide", "gap": 450}
52    ]
53  },
54  {
55    "sets": ["carnivores"],
56    "forEach": [
57      {"constraint": "order", "axis": "x", "by": "group1", "reverse": true, "gap": 40},
58      {"constraint": "order", "axis": "y", "by": "group1", "gap": 40}
59    ]
60  }
61 ]
```