

```
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": [{"constraint": "order", "axis": "y", "by": "group1", "gap": 25}]  
24  },  
25  {  
26    "name": "herbivores",  
27    "sets": {"partition": "group1", "include": [3,4,5,6]},  
28    "forEach": [  
29      {"constraint": "align", "axis": "y"},  
30      {"constraint": "position", "position": "right", "of": "herbivore_guide", "gap": 185},  
31      {"constraint": "position", "position": "left", "of": "carnivore_guide", "gap": 185},  
32      {"constraint": "position", "position": "below", "of": "top_guide", "gap": 250},  
33      {"constraint": "position", "position": "above", "of": "bottom_guide", "gap": 50},  
34      {"constraint": "hull"}  
35    ]  
36  },  
37  {  
38    "sets": ["herbivores"],  
39    "forEach": [{"constraint": "order", "axis": "y", "by": "group1", "gap": 75}]  
40  },  
41  {  
42    "name": "carnivores",  
43    "sets": {"partition": "group1", "include": [1,2]},  
44    "forEach": [  
45      {"constraint": "align", "axis": "y"},  
46      {"constraint": "position", "position": "right", "of": "carnivore_guide", "gap": 185},  
47      {"constraint": "position", "position": "below", "of": "top_guide", "gap": 450}  
48    ]  
49  },  
50  {  
51    "sets": ["carnivores"],  
52    "forEach": [  
53      {"constraint": "order", "axis": "x", "by": "group1", "reverse": true, "gap": 40},  
54      {"constraint": "order", "axis": "y", "by": "group1", "gap": 40}  
55    ]  
56  }  
57 ]
```

8 sets

129 constraints

129 constraints

129 constraints

129 constraints

padding added to 129 nodes

2632 new edges added

1 set

258 constraints

4 sets

4 constraints

23 constraints

23 constraints

23 constraints

23 constraints

4 WebCoLa groups created

1 set

31 constraints

2 sets

2 constraints

9 constraints

9 constraints

1 set

9 constraints

9 constraints