

```
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 ]
```

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