## **Box-based Content**

wall:[-0.66, 0.853, -0.329], floor:[0.291, 0.454, -1.533], ceiling:[0.3, 0.955, 0.9], wall:[0.997, 0.577, -0.353], light:[0.213, 0.59, 0.905], wall:[0.971, 3.168, -0.351], window:[0.943, 3.385, 0.074], board:[-0.649, -0.117, -1.183], desk:[0.696, 2.259, -0.987], box:[-0.395, 0.64, -1.33], bowl:[0.631, 3.071, -0.803], box:[0.797, 3.121, -0.91]

## **Scene-Graph-based Content**

{'wall-1': {'relations': ['attached to floor-2'], 'attribute': {'shape': 'flat', 'lexical': 'architectural', 'color': 'white'}}, 'floor-2': {'relations':

[], 'attribute': {'material': 'plastic', 'shape': 'flat', 'lexical': 'inside', 'color': 'blue'}}, 'ceiling-3': {'relations': ['attached to wall-1', 'attached to wall-4', 'attached to wall-7'], 'attribute': {'shape': 'flat', 'lexical': 'overhead', 'color': 'white'}}, 'wall-4': {'relations': ['attached to floor-2'], 'attribute': {'shape': 'flat', 'lexical': 'architectural', 'color': 'white'}}, 'light-6': {'relations': ['hanging on ceiling-3'], 'attribute': {'state': 'off'}}, 'wall-7': {'relations': ['attached to floor-2'], 'attribute': {'shape': 'flat', 'lexical': 'architectural', 'color': 'white'}}, 'window-8': {'relations': ['attached to wall-7', 'behind desk-10'], 'attribute': {'material': 'glass', 'color': 'dark', 'shape': 'rectangular', 'state': 'closed'}}, 'board-9': {'relations': ['lying on floor-2', 'to the left of desk-10', 'close by box-11'], 'attribute': {'shape': 'flat', 'lexical': 'flat', 'color': 'brown'}}, 'desk-10': {'relations': ['standing on floor-2', 'in front of window-8', 'to the right of board-9', 'to the right of box-11', 'close by box-11'], 'attribute': {'other': 'rigid', 'size': 'narrow'}}, 'box-11': {'relations': ['standing on floor-2', 'close by board-9', 'close by desk-10', 'to the left of desk-10', 'in front of box-15', 'to the left of box-15'], 'attribute': {'state': 'written on', 'shape': 'rectangular', 'lexical': 'rectangular', 'other': 'rigid', 'size': 'tall'}}, 'bowl-14': {'relations': [], 'attribute': {}}, 'box-15': {'relations': ['standing on desk-10', 'to the right of box-11', 'behind box-11'], 'attribute': {'color': 'dark', 'shape': 'rectangular', 'lexical': 'rectangular', 'size': 'small'}}}