



Component — box, item

Leaf — item

Composite — add box,
add item,
remove

* a structural design pattern used to treat individual objects and compositions of objects uniformly. It allows to compose objects into tree structures to represent part-whole hierarchies.

- Component: common interface for all objects in the composition.
- Leaf: represents the individual objects (leaves in the tree)
- Composite: a node that can hold children and implements the Component interface.