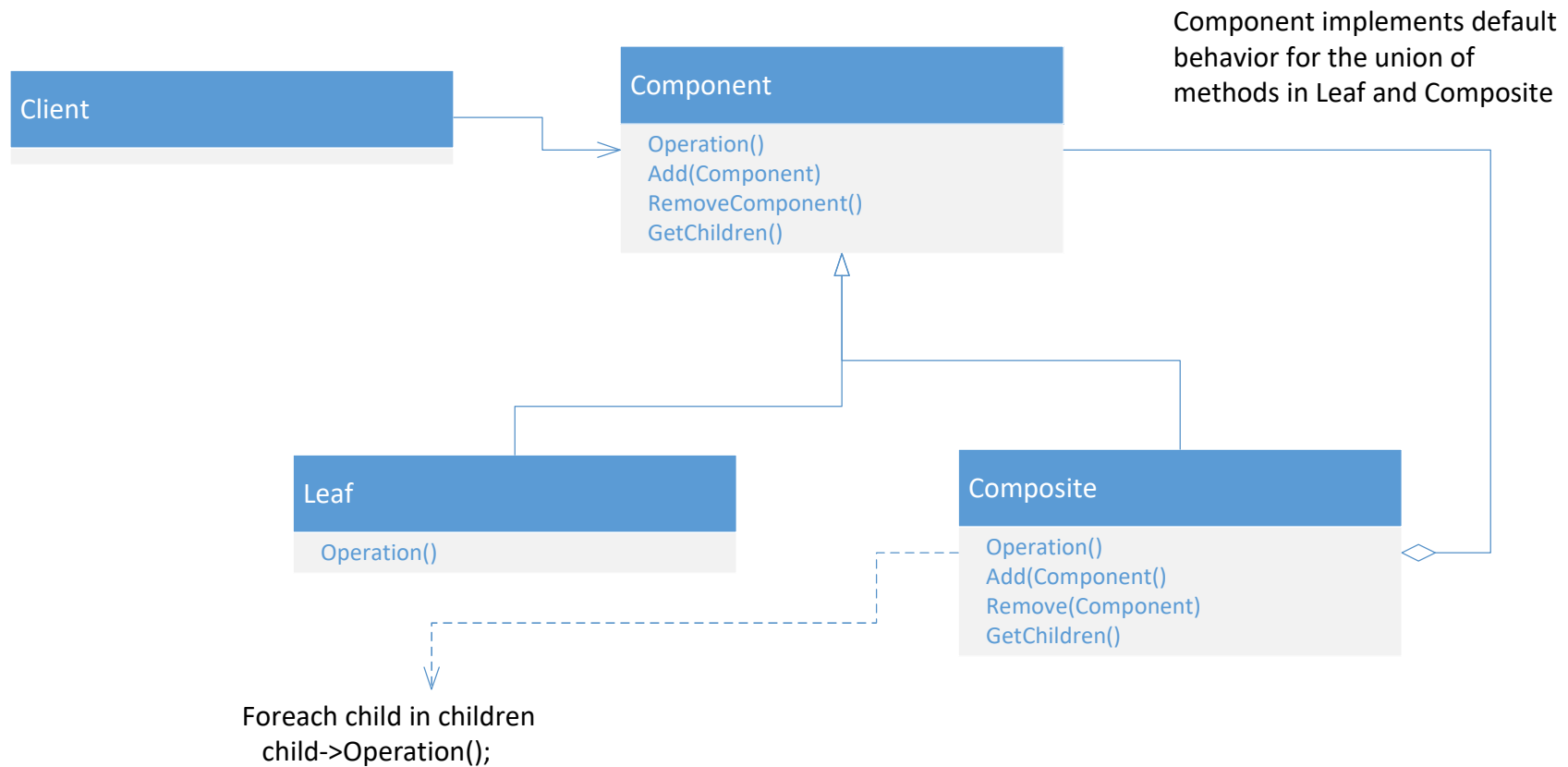


Compose objects into tree structures to represent part-whole hierarchies. Composite let's clients treat individual objects and compositions uniformly.



Component declares the interface for objects in the composition, implements default behavior for the interface common to all classes, and declares an interface for accessing and managing child components. Leaf represents leaf objects in the composition and has no children. Composite defines behavior for components having children, stores child components, and implements child related operations in the component's interface.