Design Patterns

Iterator & Composite Pattern

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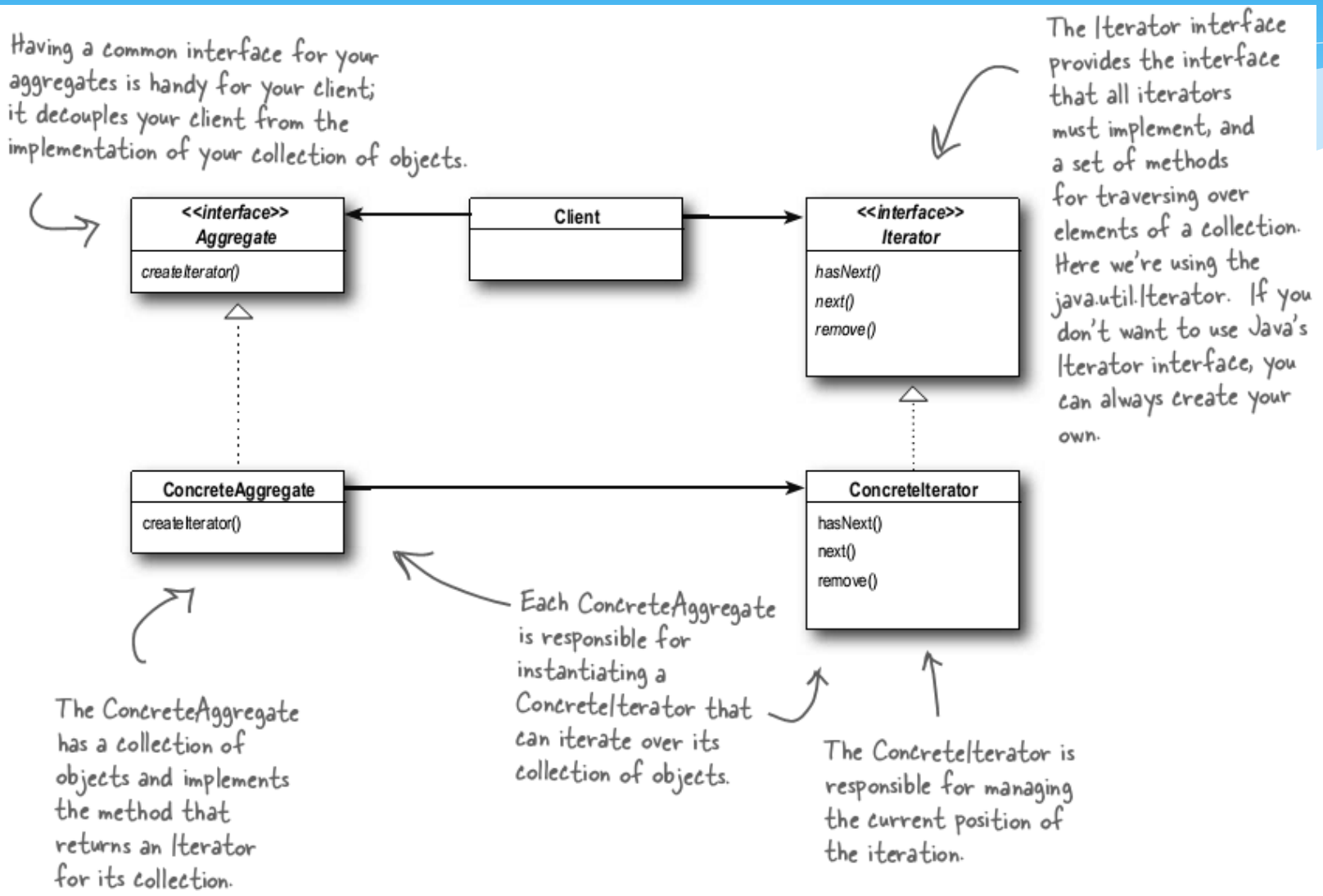
Iterator Pattern

* provides a way to access the elements of an aggregate object sequentially without exposing its underlying representation.

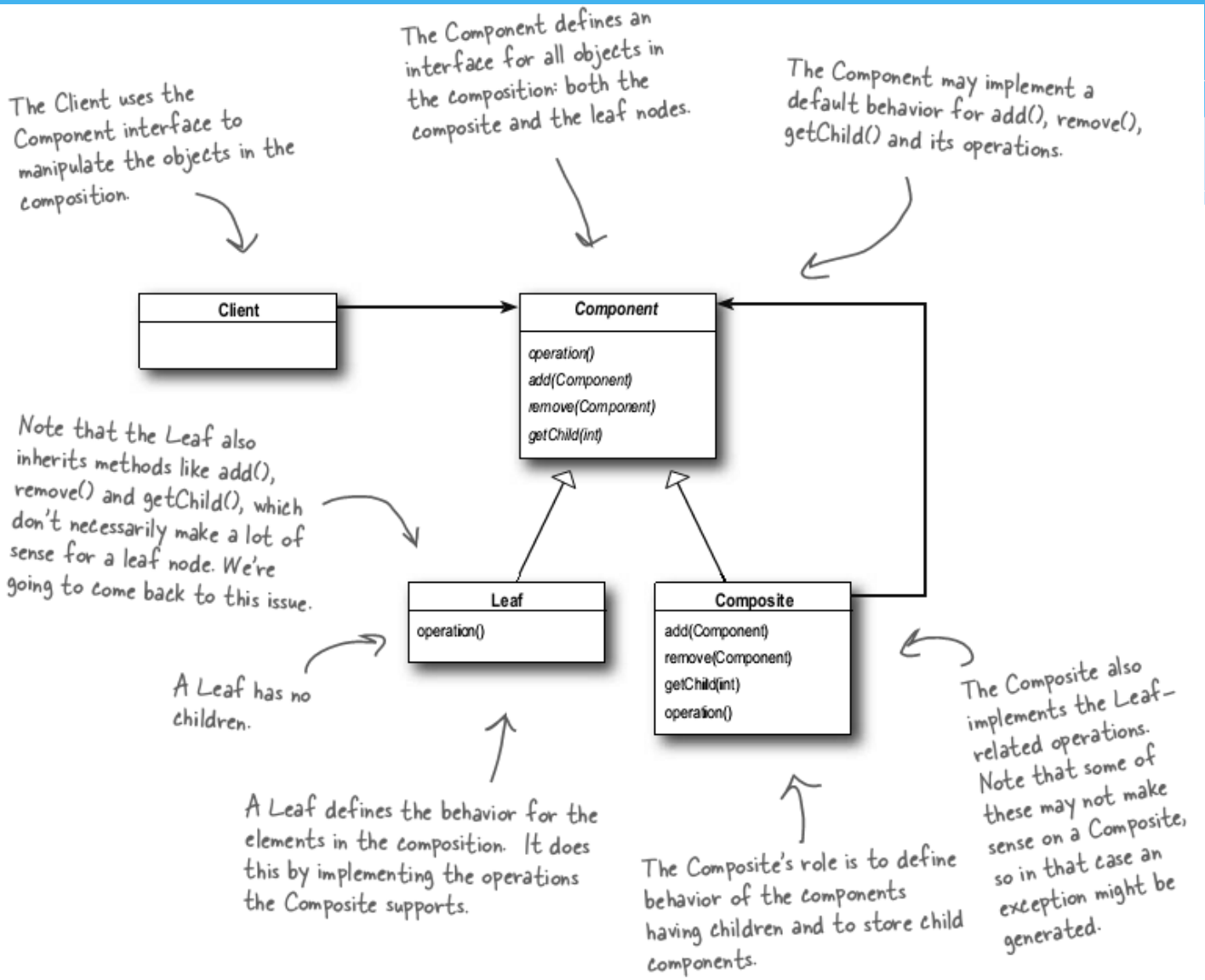
Iterator Pattern (cont.)



Composite Pattern

* allows you to compose objects into tree structures to represent part-whole hierarchies. Composite lets clients treat individual objects and compositions of objects uniformly

Composite Pattern (cont.)



References

* O'Reilly – Head First Design Pattern by Eric Freeman & Elisabeth Freeman (2004).
* CRC Press – Software Architecture Design Pattern in Java by Partha Kuchana (2004).