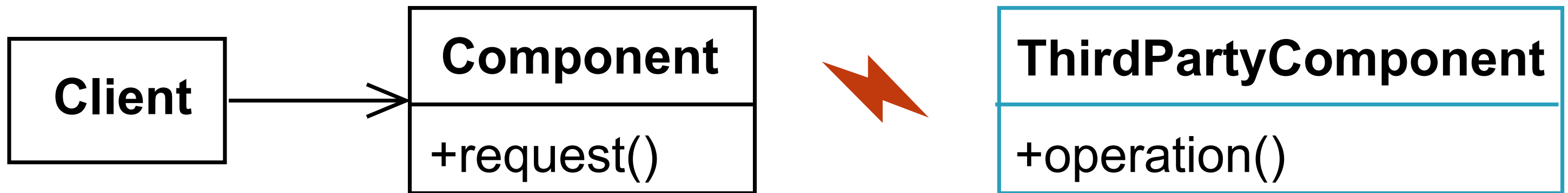


The Adapter

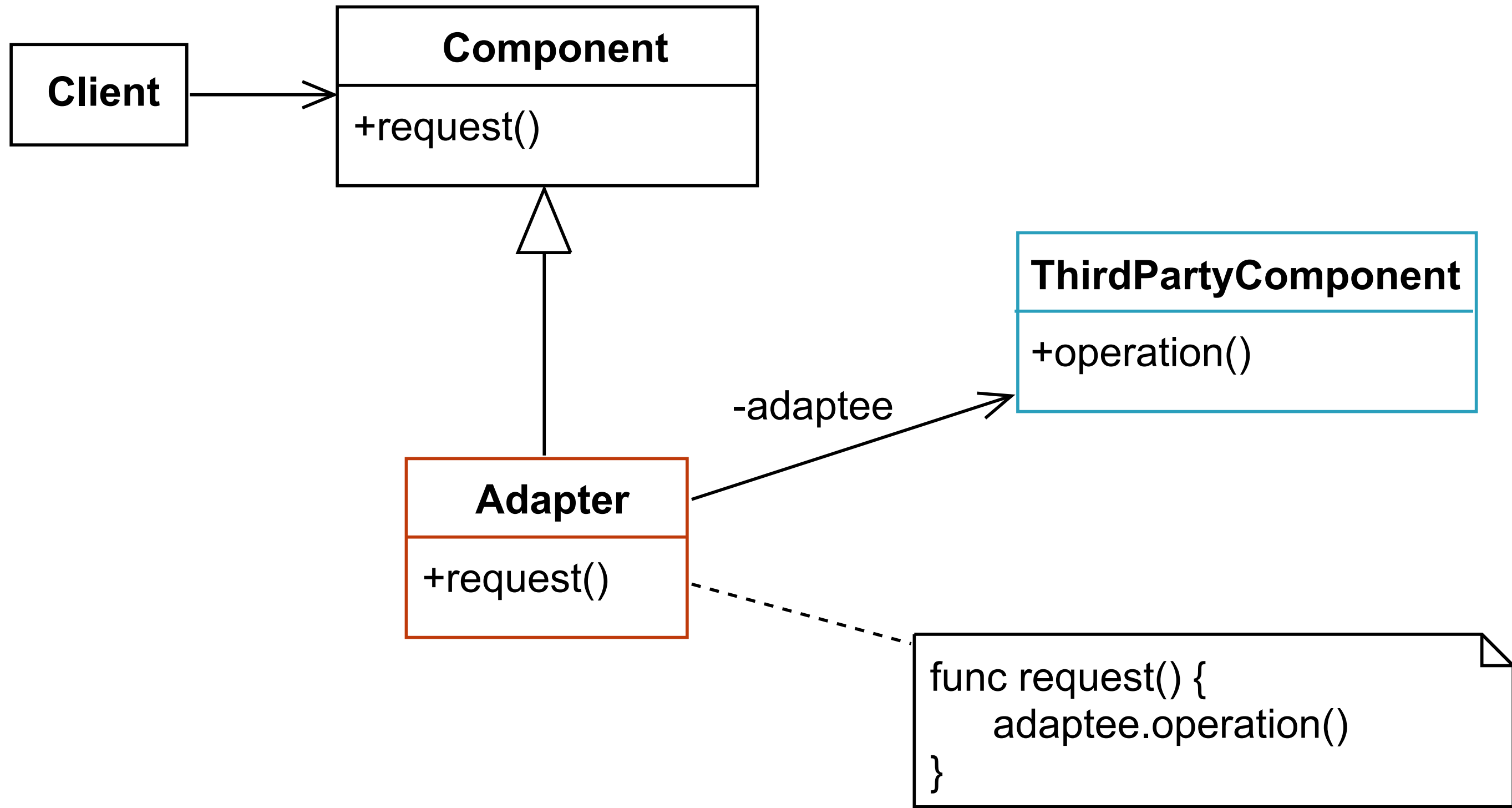




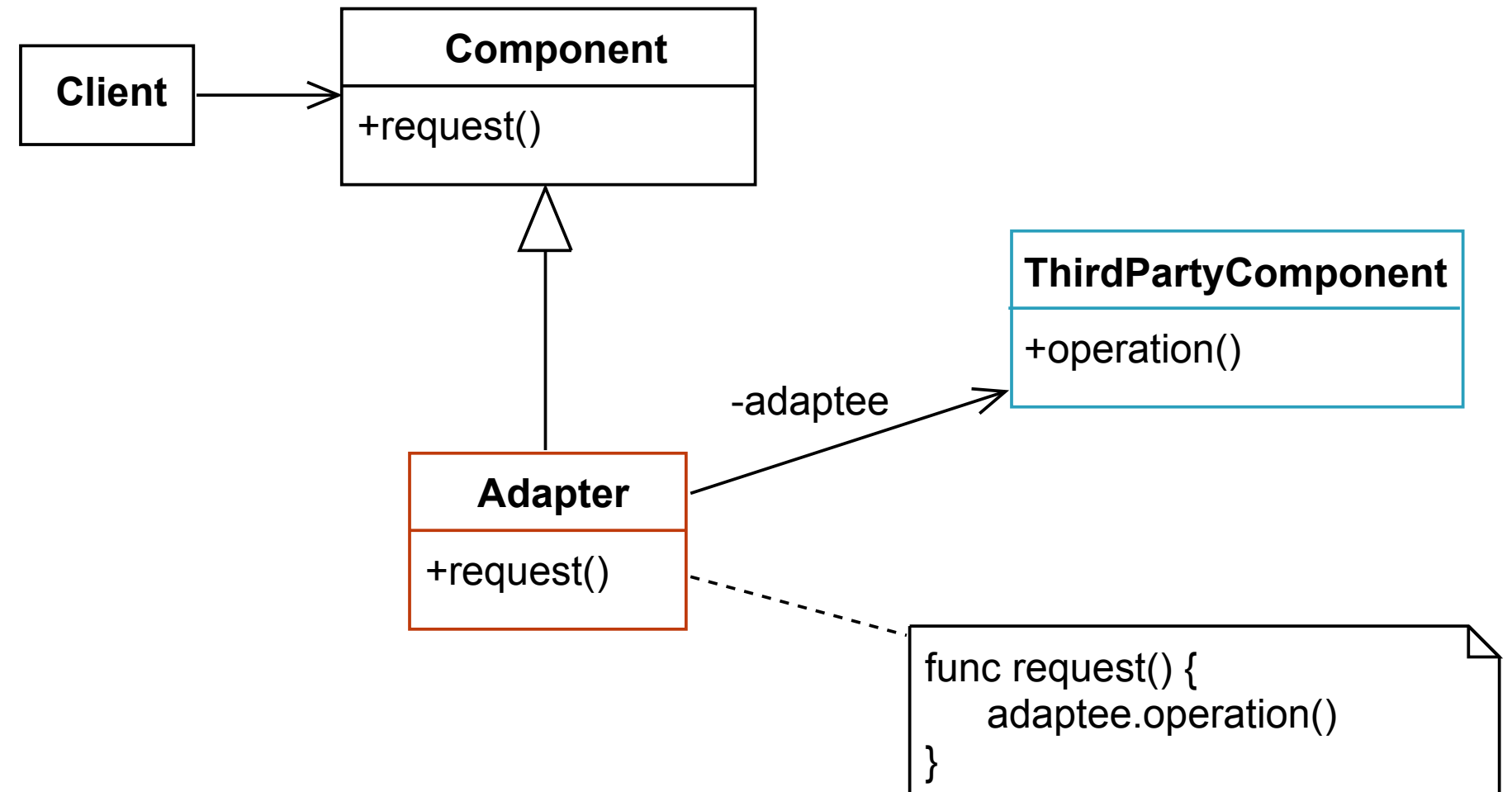


Adapter

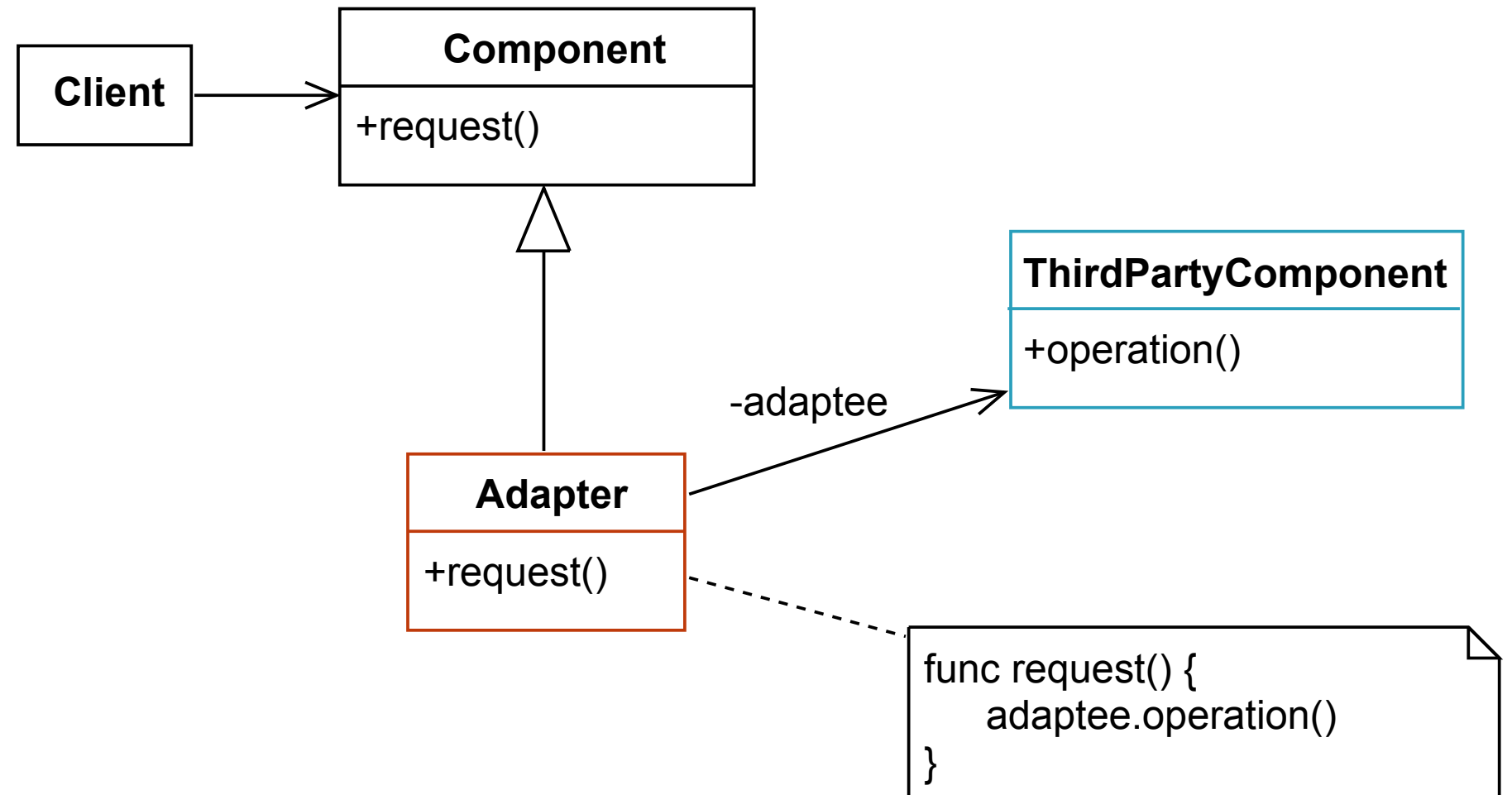
Allows integrating incompatible interfaces without client code changes.



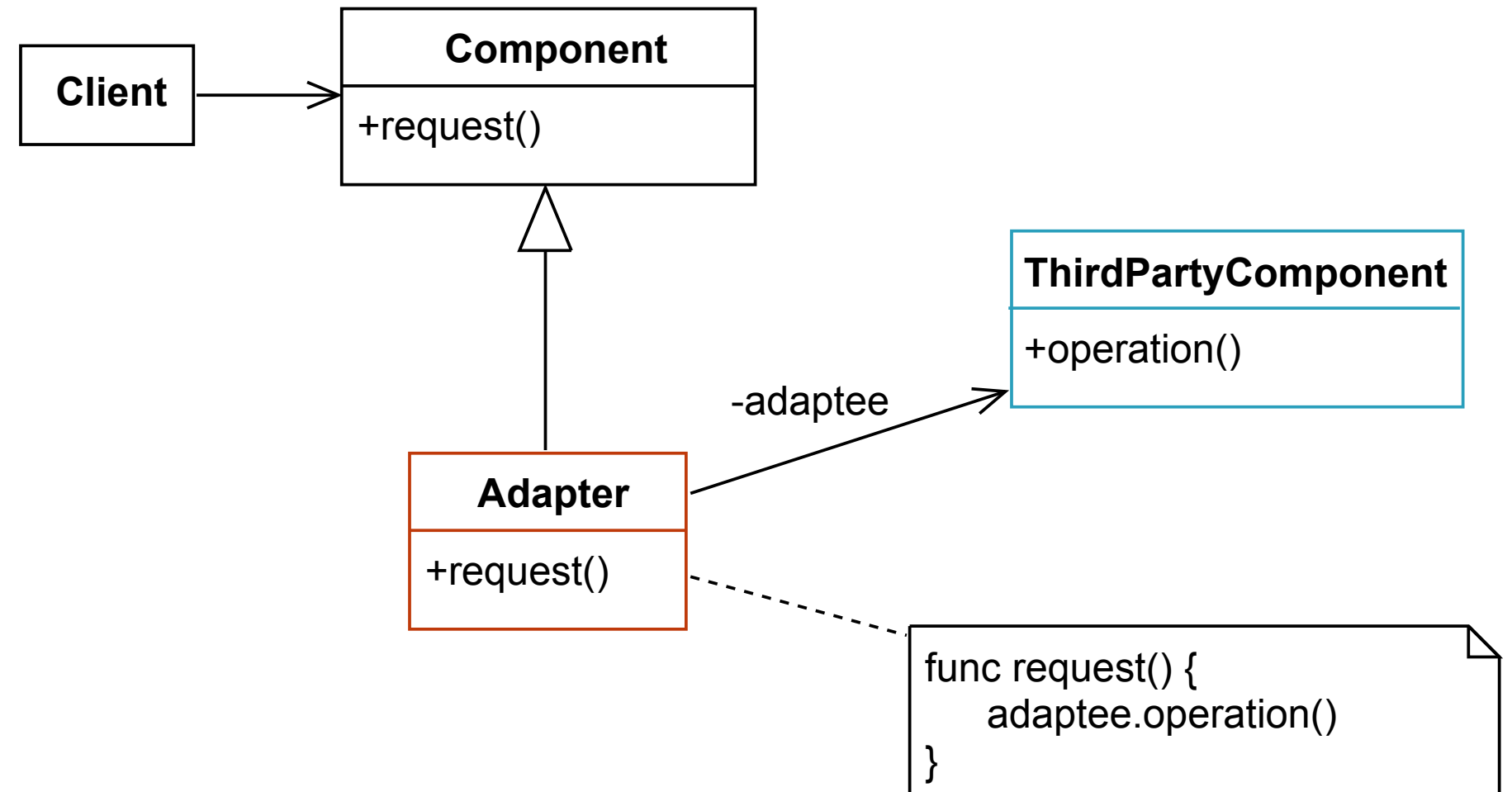
Adapter inherits
from Component



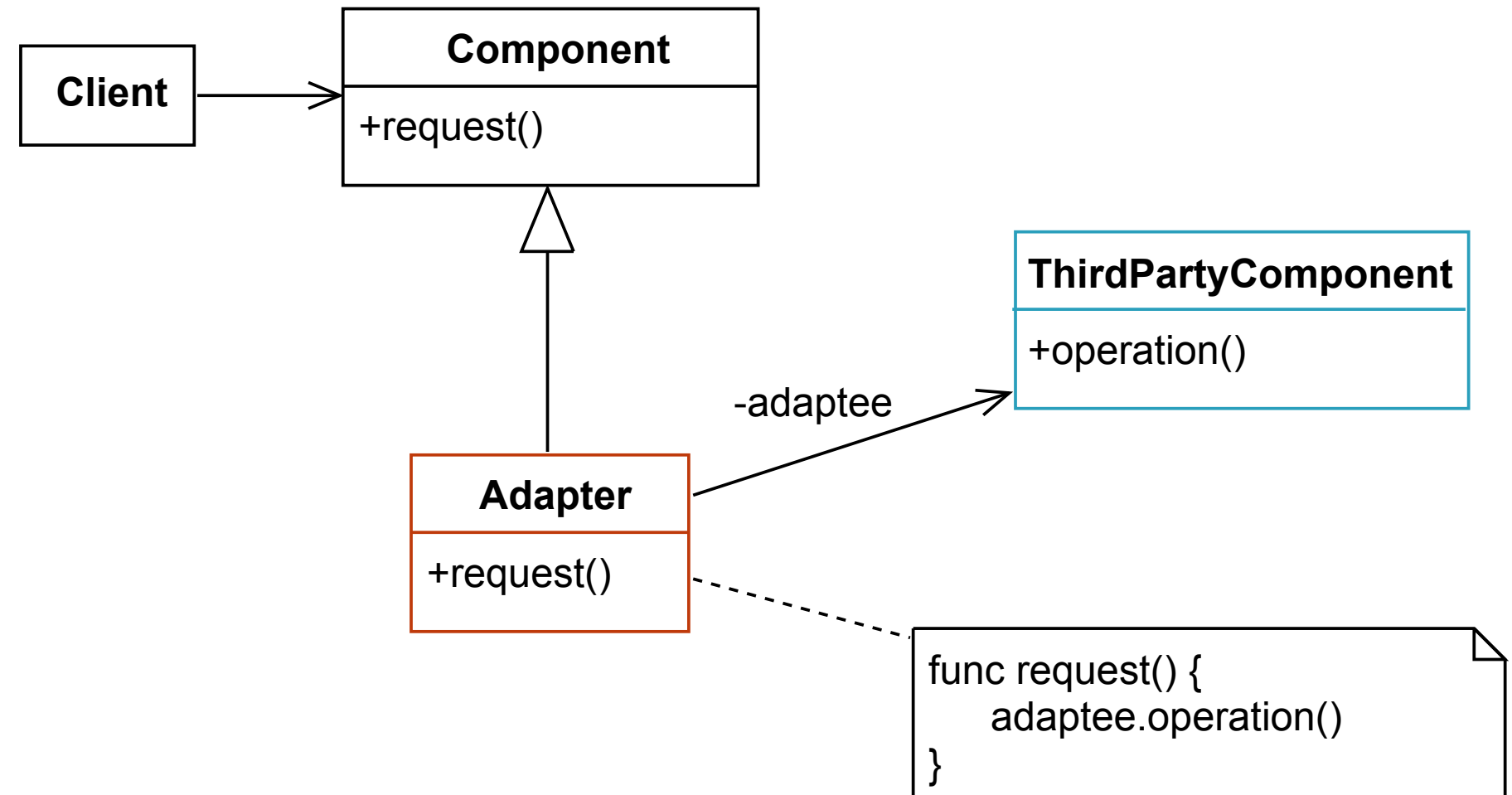
Adapter wraps adaptee



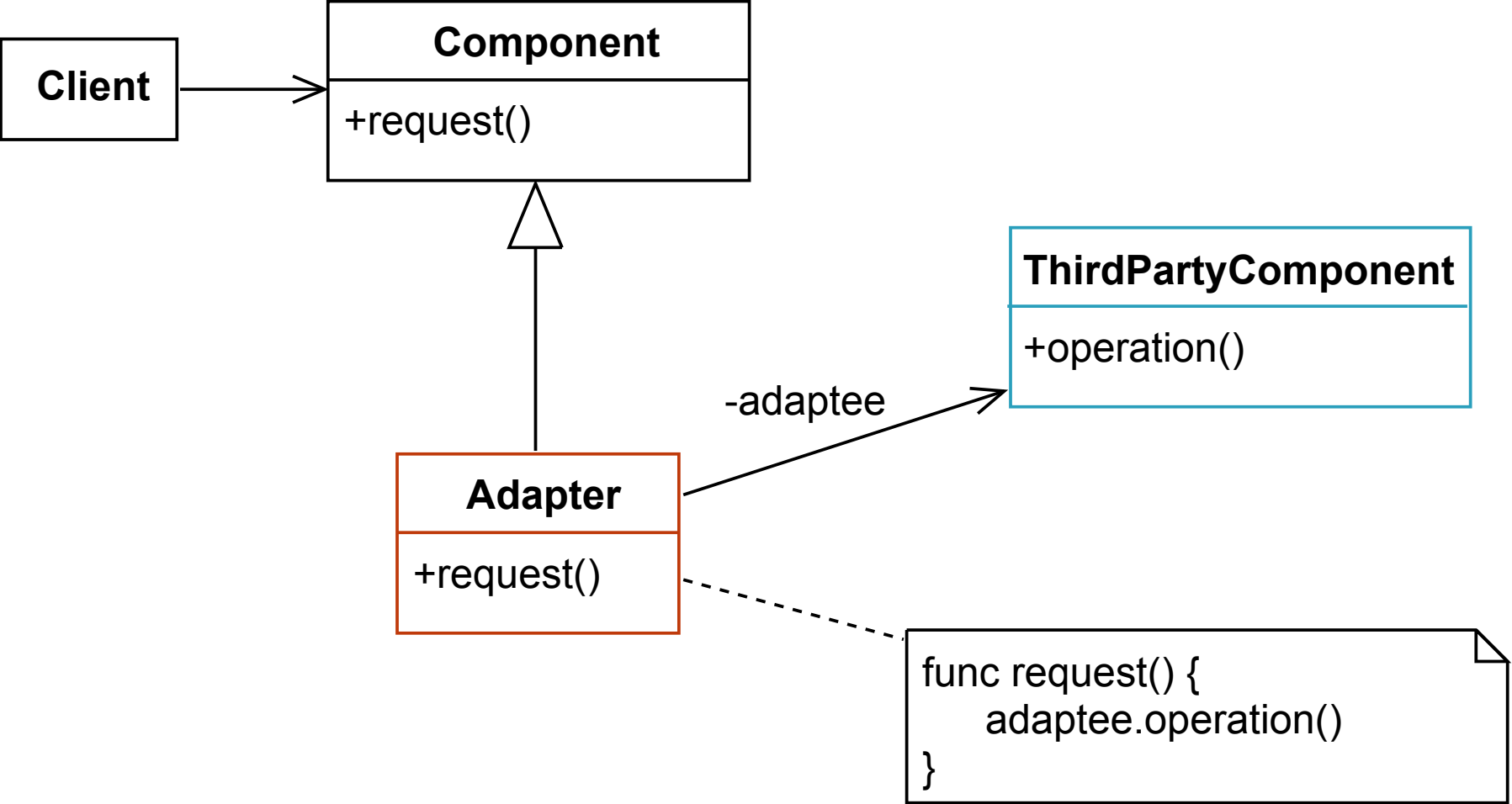
Adapter delegates
to the adaptee



Adapter returns
the result to the caller



No client code changes



Avoid Common Pitfalls

Integrate the right component

Modify the incompatible interface if possible

Swift Type Extensions

Enhance a type without modifying its code

Consider before introducing the Adapter

The Adapter

Purpose

- Integrate an incompatible interface
- Make things work *after* they are designed

Pitfalls

- Adapting the wrong component
- Wrapping a type that can be modified