

Facade Pattern

Content

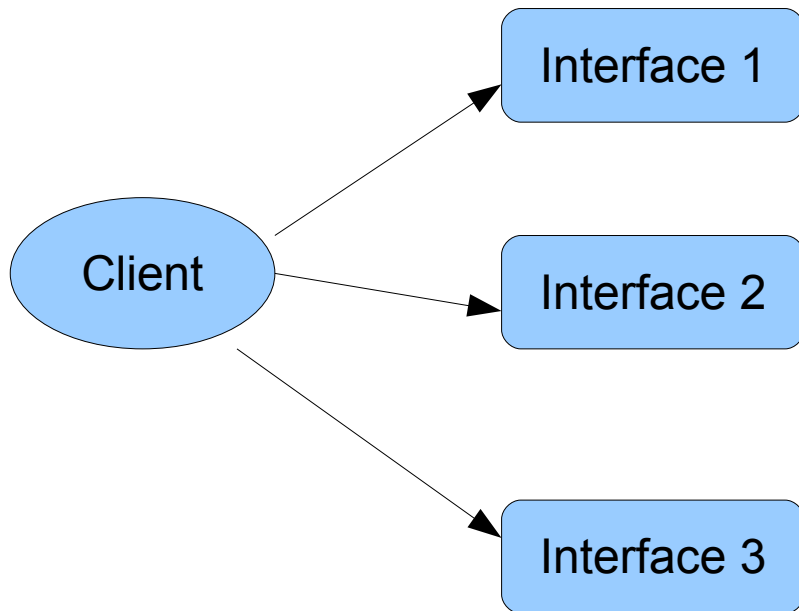
- Facade use case
- Facade principle
- Facade vs Adapter
- Facade vs Decorator
- Facade vs Proxy

Facade Use Case

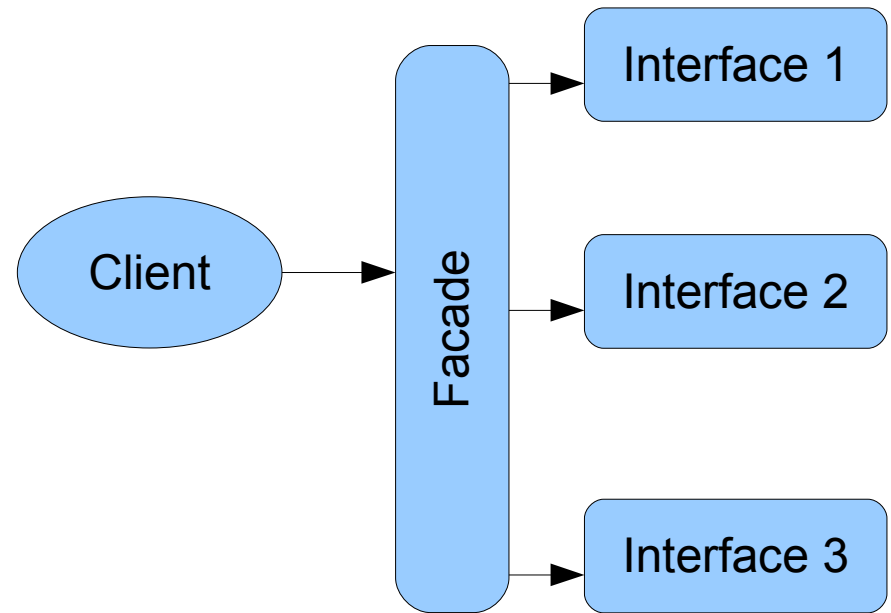
- There is a set of complex interfaces
- Client have to use them
- We want make client's life easier
- We put simple additional interface in the middle

Facade principle

- Before



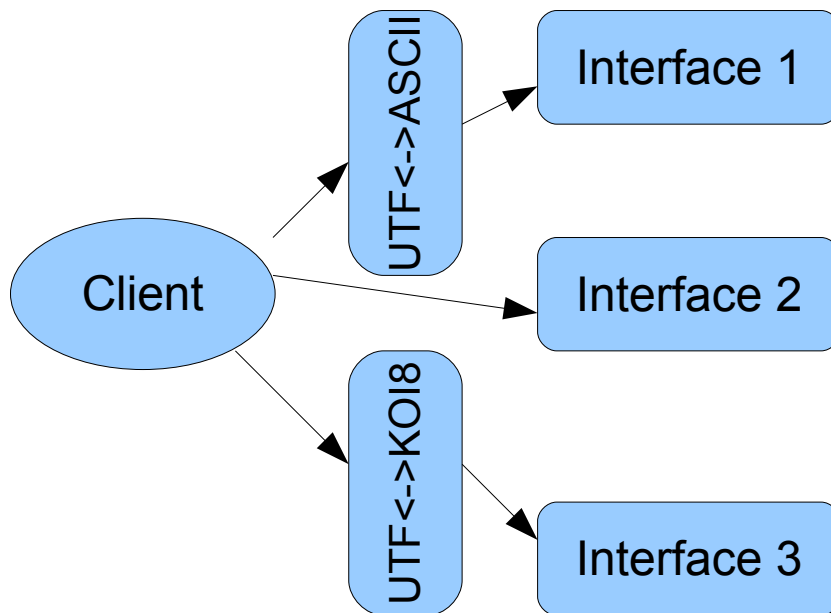
- After



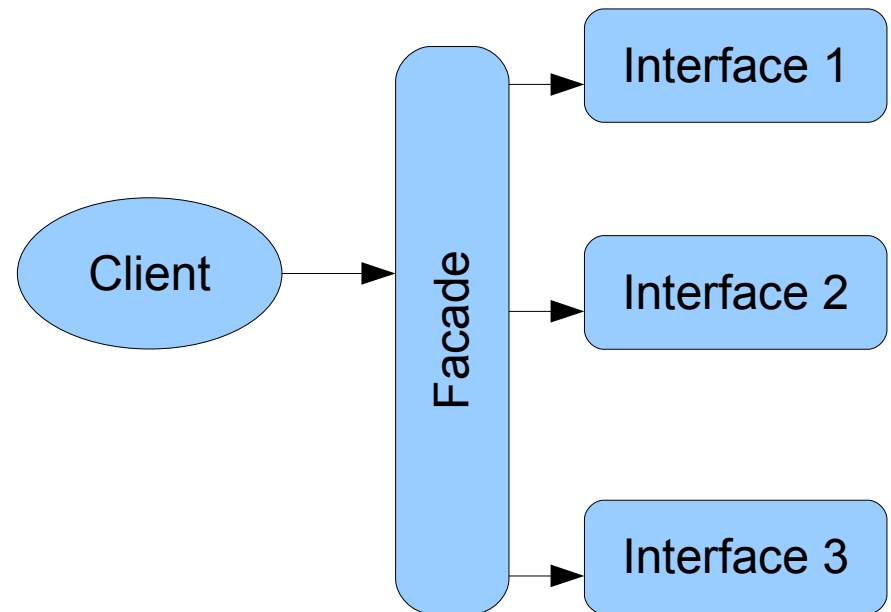
Facade vs Adapter

- Adapter

- Convert charsets

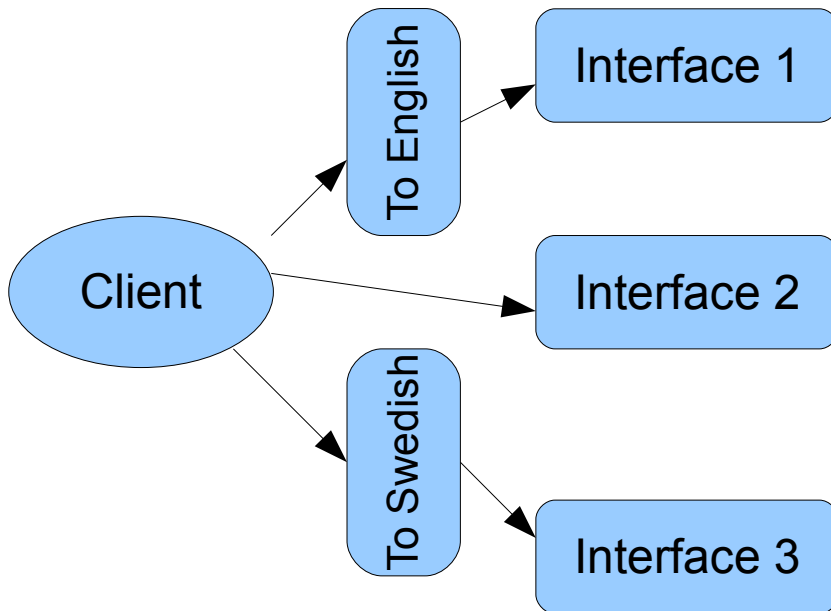


- Facade

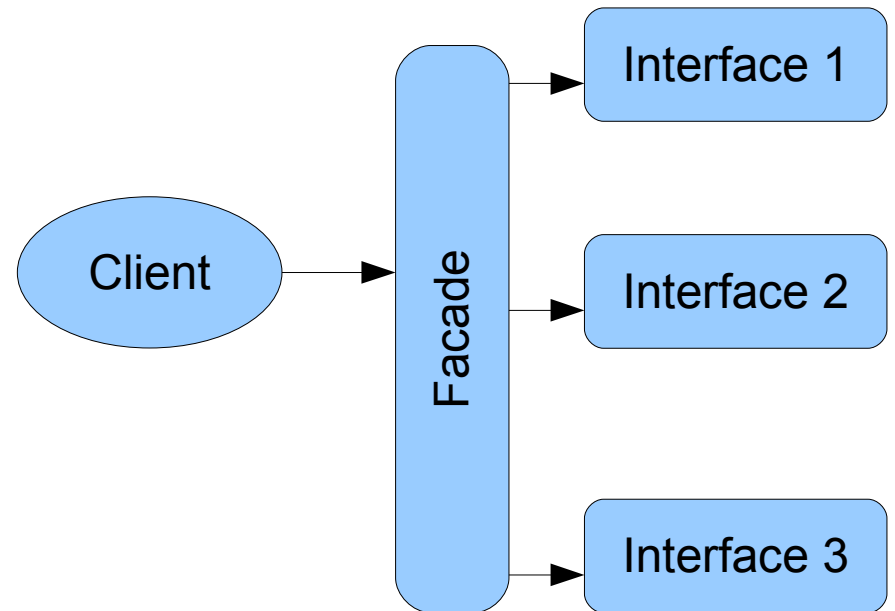


Facade vs Decorator

- Decorator
 - Add multilanguage support

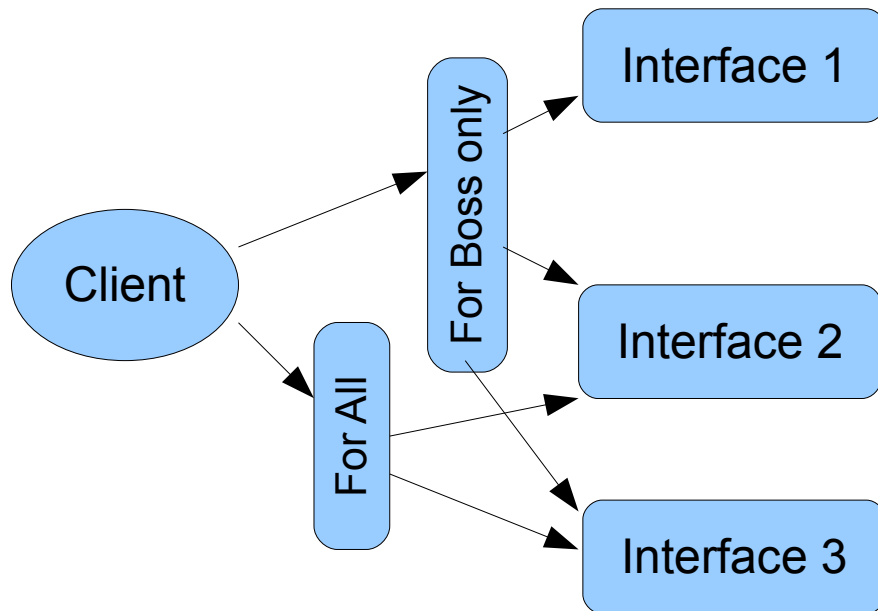


- Facade



Facade vs Proxy

- Proxy
 - Two different roles



- Facade

