

Decorator Pattern

Head First Design Patterns – Eric and Elizabeth Freeman

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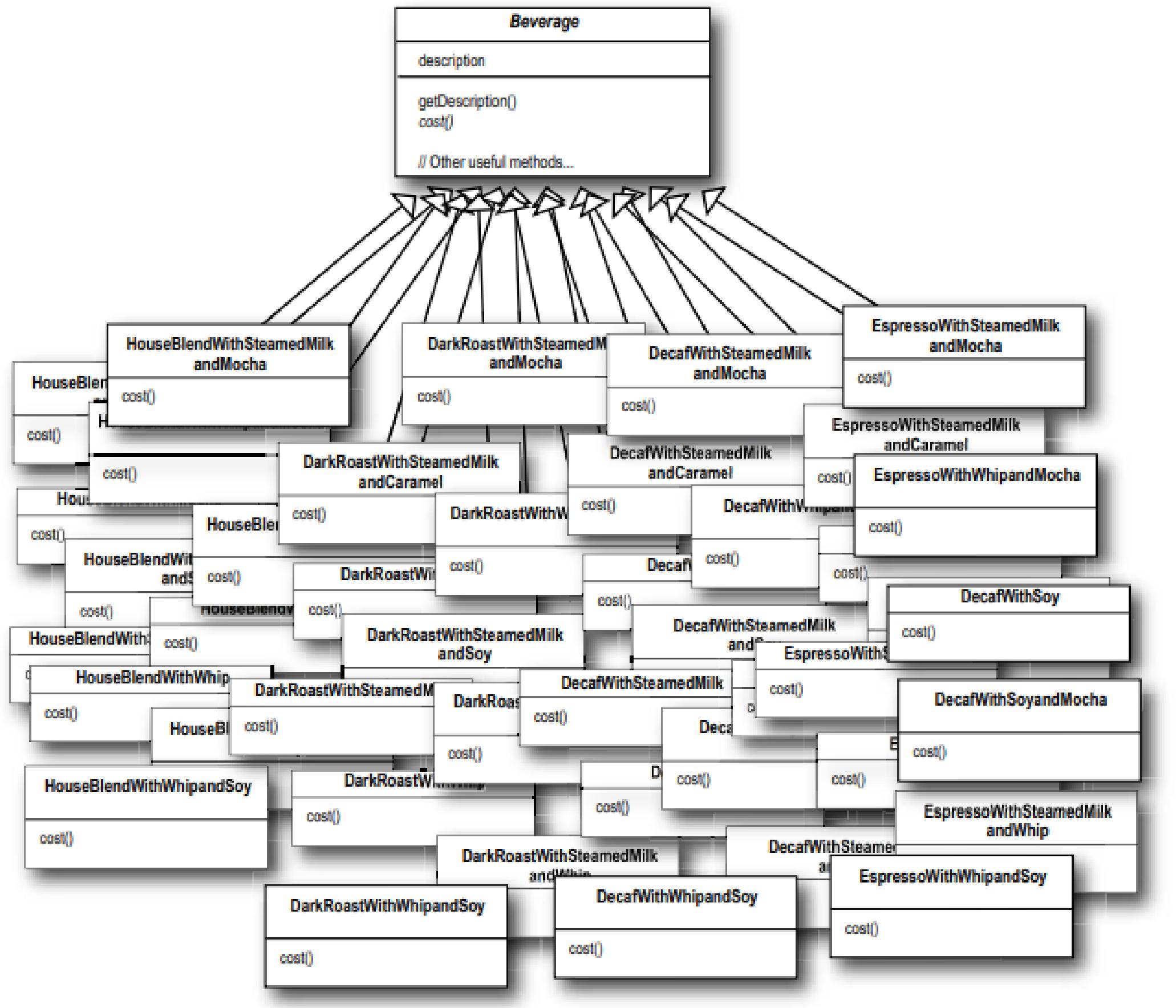
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Problem!!!

- Starbuzz Coffee is desperate in updating their ordering systems to match their beverage offerings
- Apart from the coffee itself, customers are fond of extra condiments to their drinks

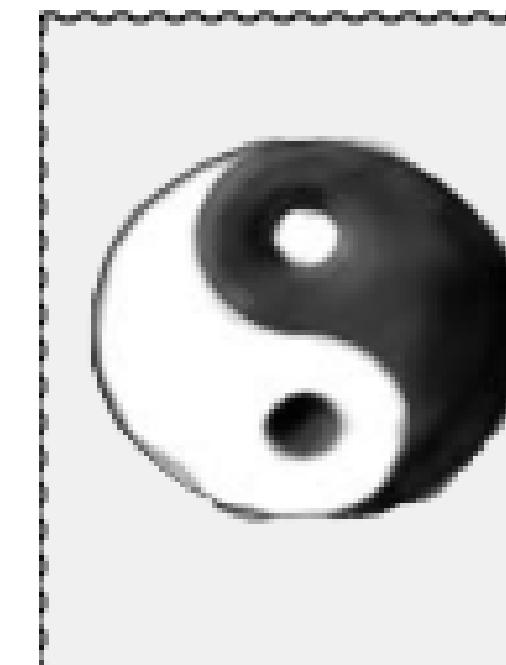




- If we try to create subclasses for every type of coffee with every condiment
- Maintenance disaster is sure to come

DECORATOR Principle

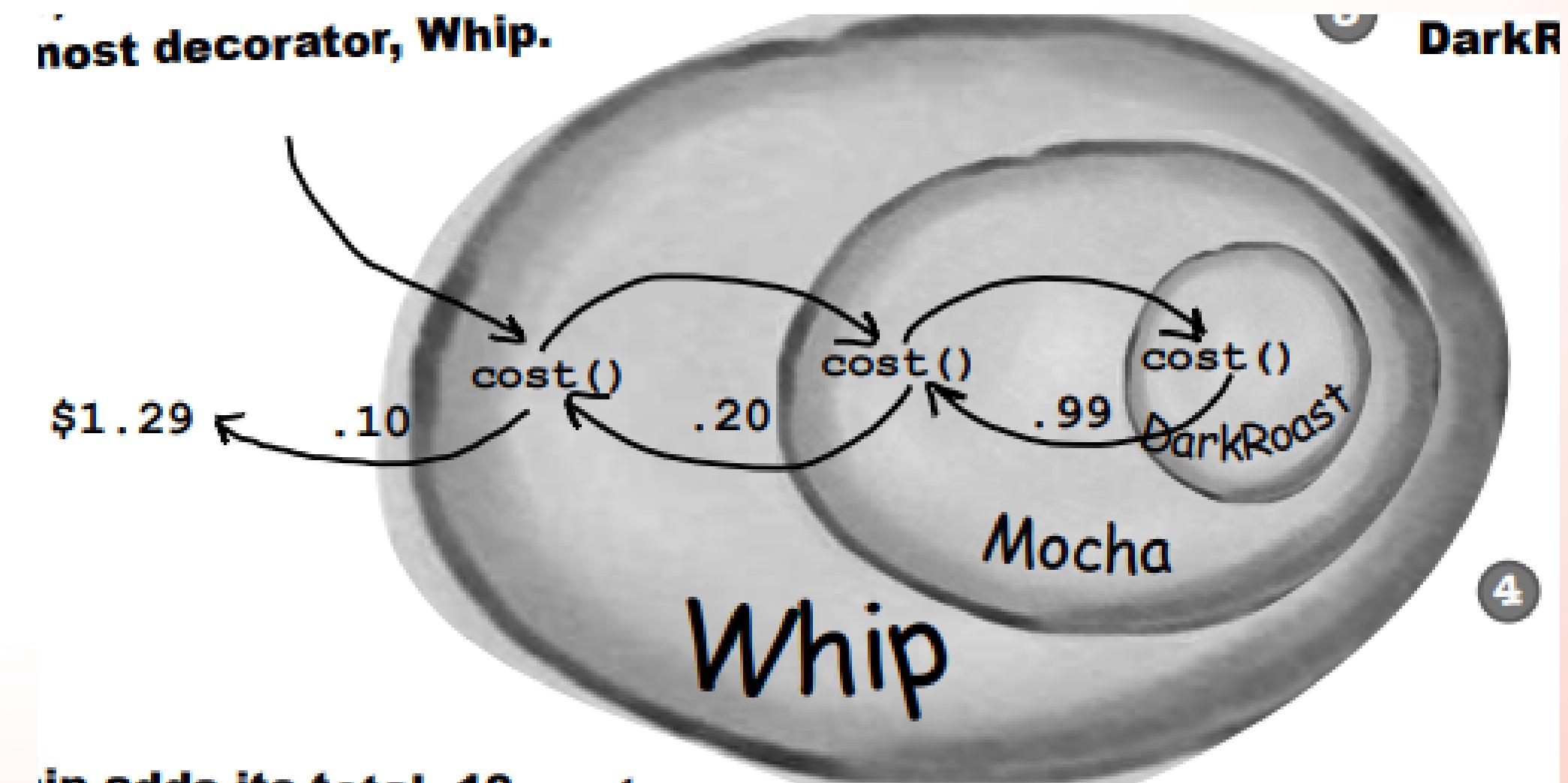
In this case, we should be flexible to add any new combos of coffee and condiment conveniently



Design Principle

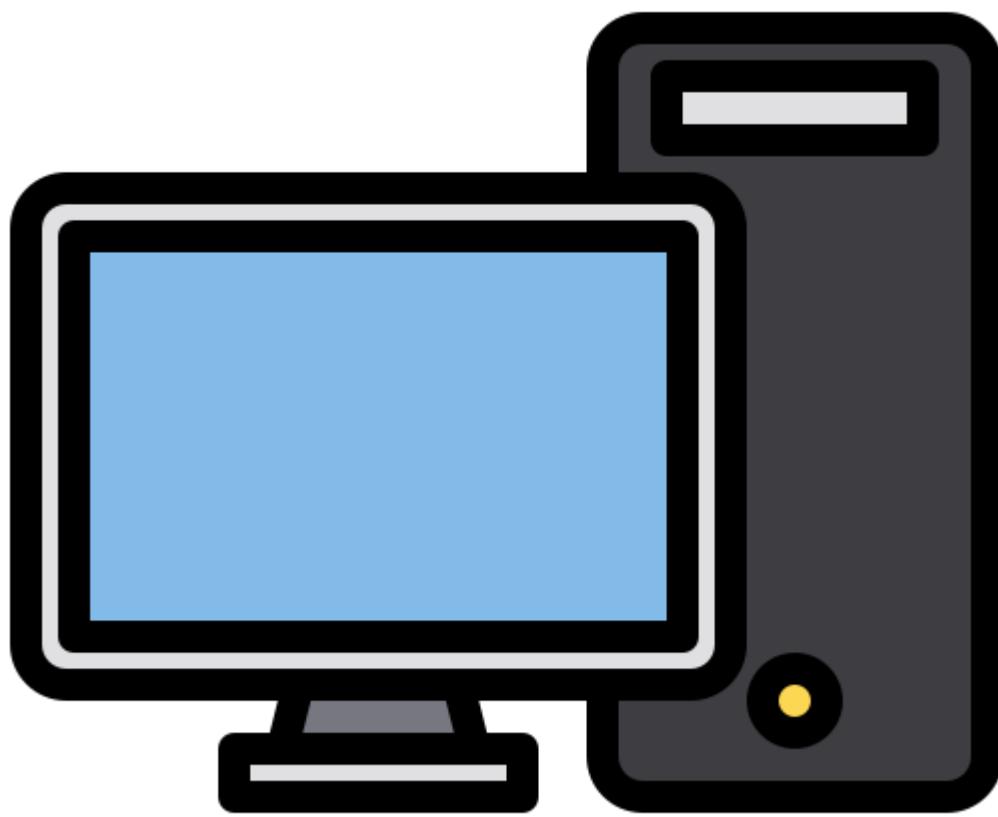
Classes should be open for extension, but closed for modification.

most decorator, **Whip**.



In addition to ...

DEMO





Conclusion

The *decorator* pattern blesses our
coffee system with:

enhanced resilience and extensibility



Thank You