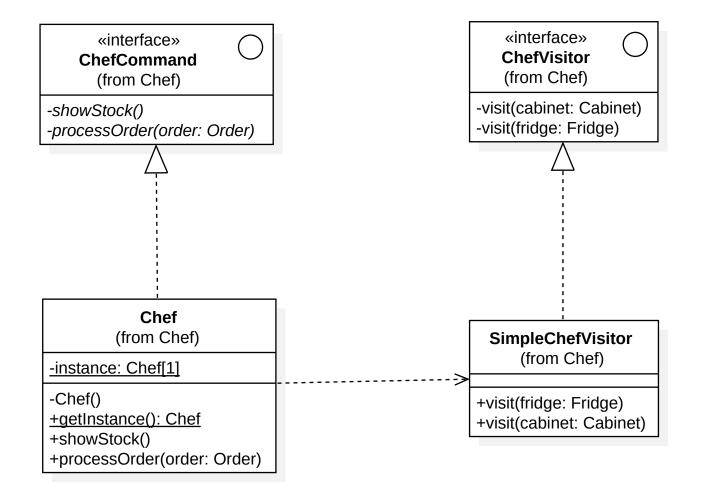
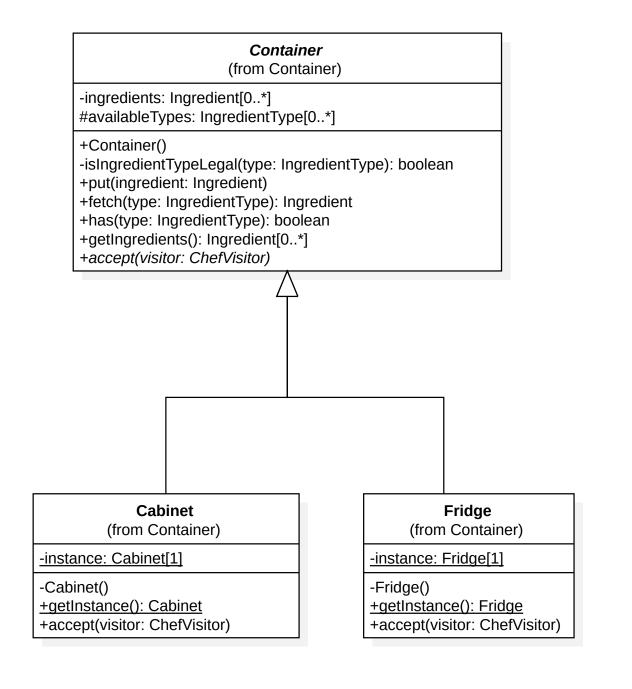
Framework::Chef



Framework::Container



OrderInterface (from Order)

«Decorator» **TrayDecorator**(from Container)

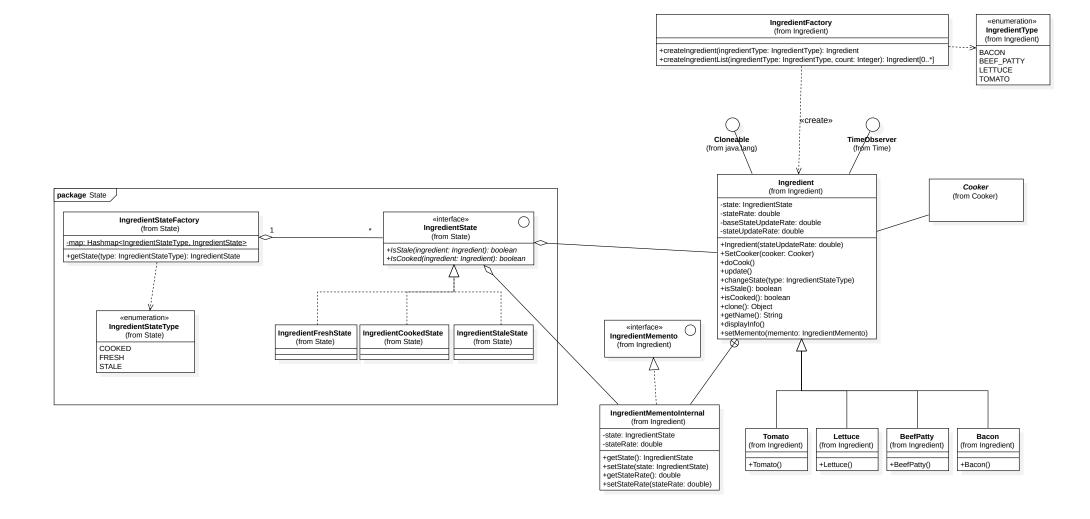
+order: Order

+TrayDecorator(order: Order)

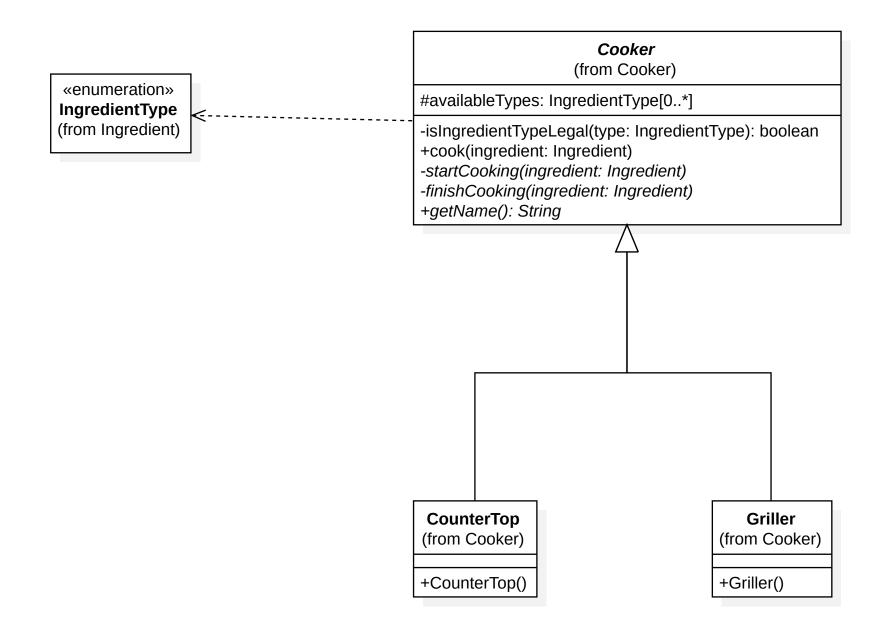
+totalPrice(return: double)

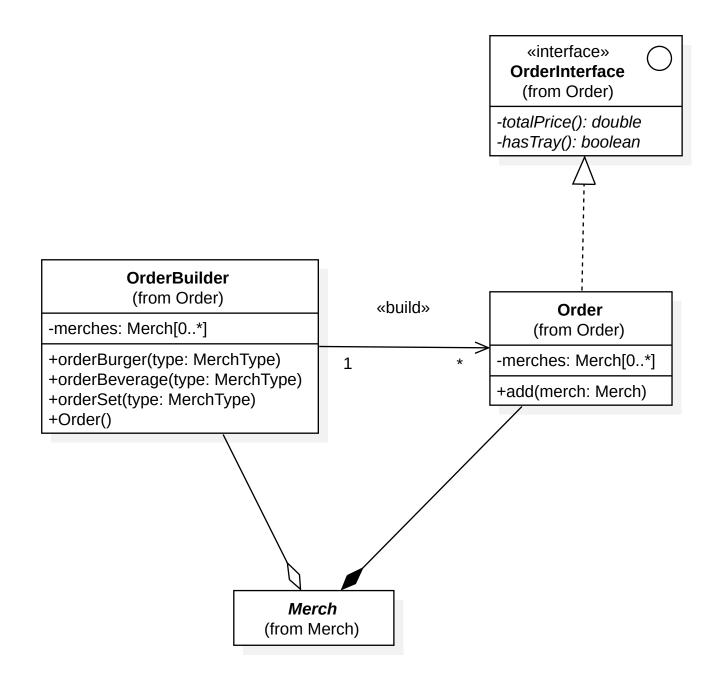
+hasTray(): boolean

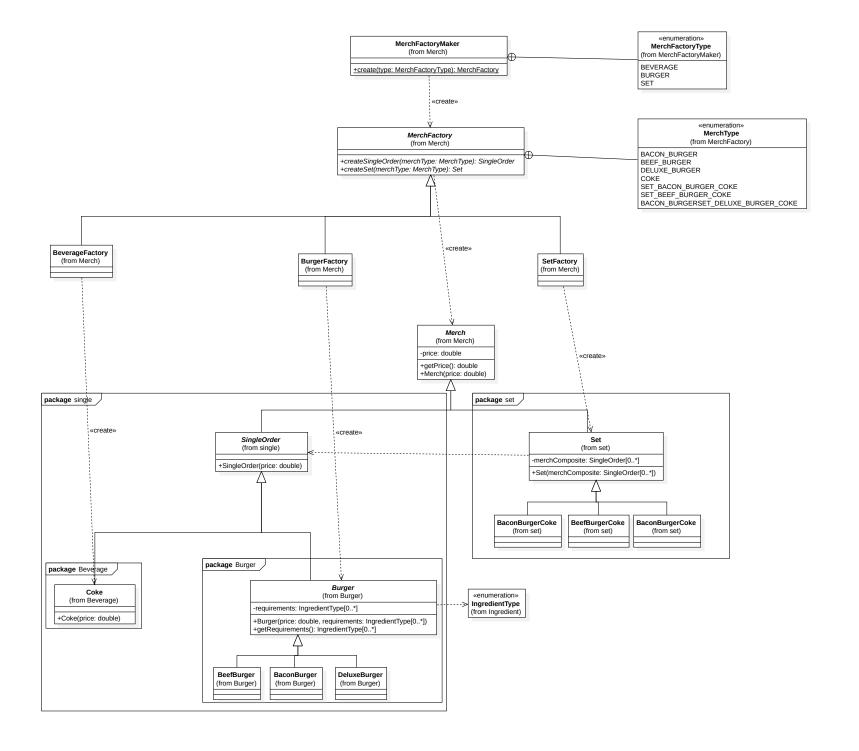
Framework::Ingredient



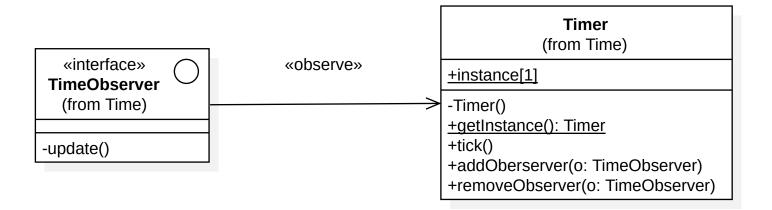
Framework::Cooker



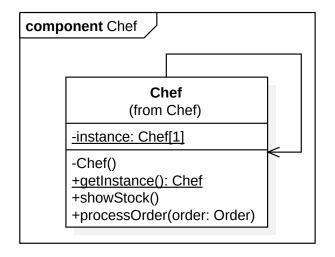


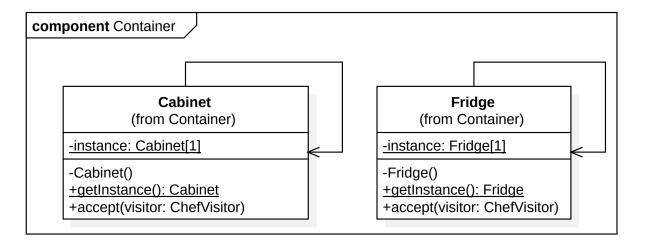


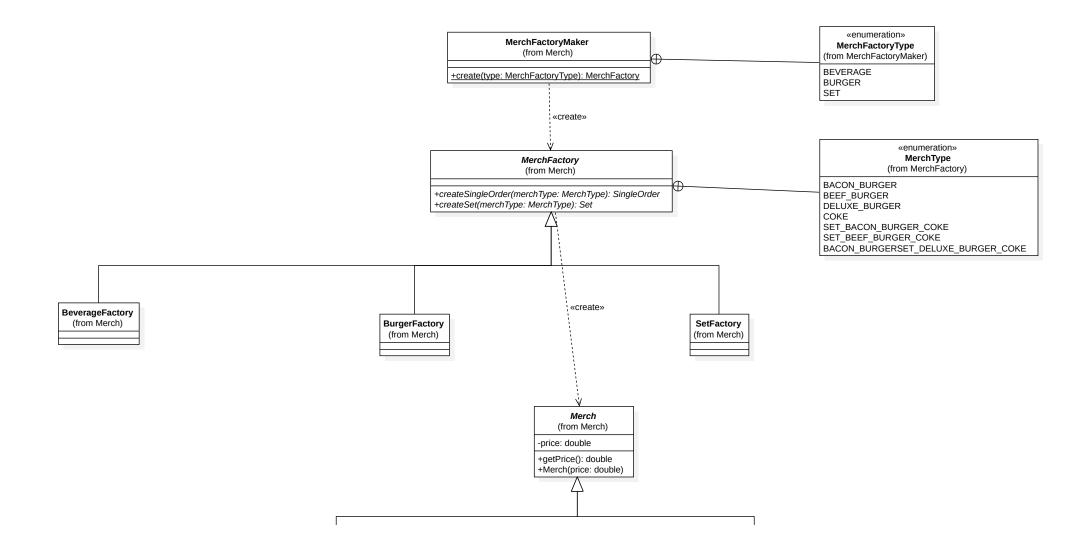
Framework::Time



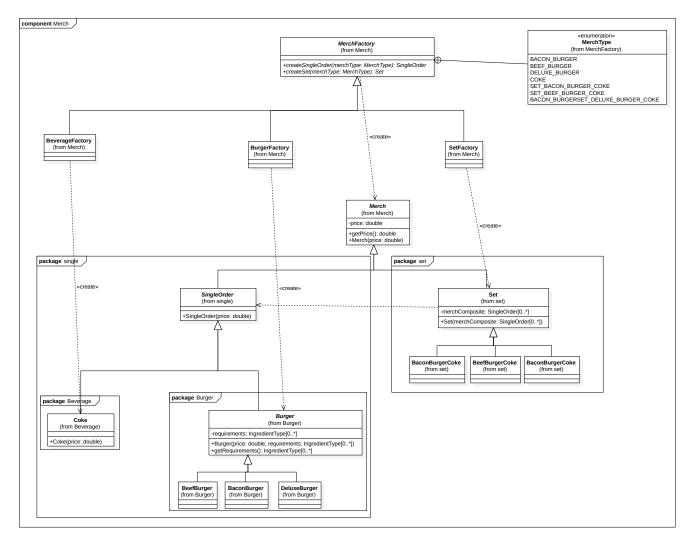
Framework::DesignPattern::Singleton

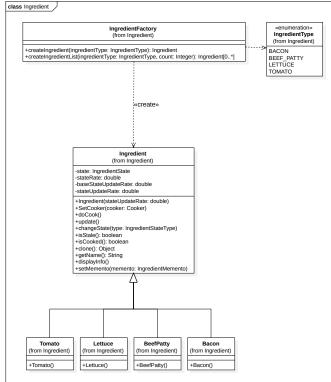




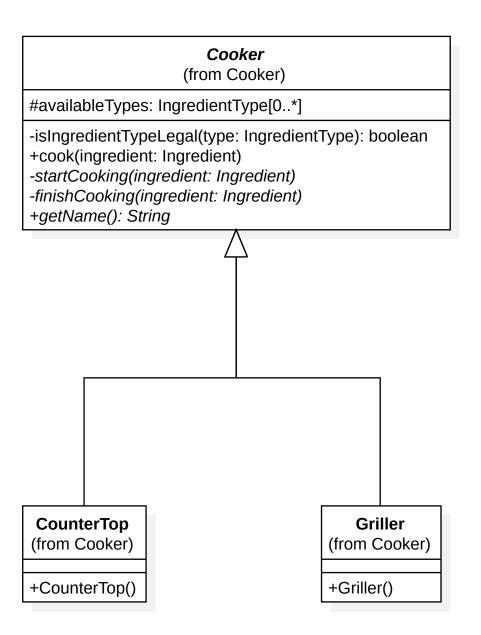


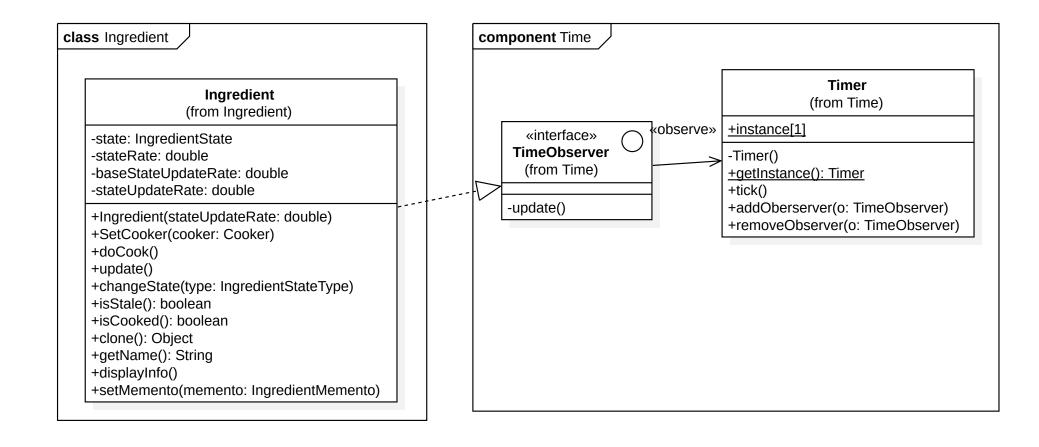
## Framework::DesignPattern::Factory



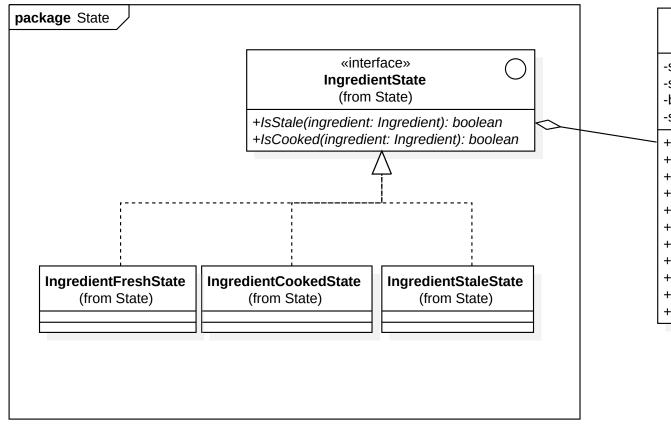


Framework::DesignPattern::Template





Framework::DesignPattern::State



## Ingredient

(from Ingredient)

-state: IngredientState

-stateRate: double

 $\hbox{-baseStateUpdateRate: double} \\$ 

-stateUpdateRate: double

+Ingredient(stateUpdateRate: double)

+SetCooker(cooker: Cooker)

+doCook()

+update()

+changeState(type: IngredientStateType)

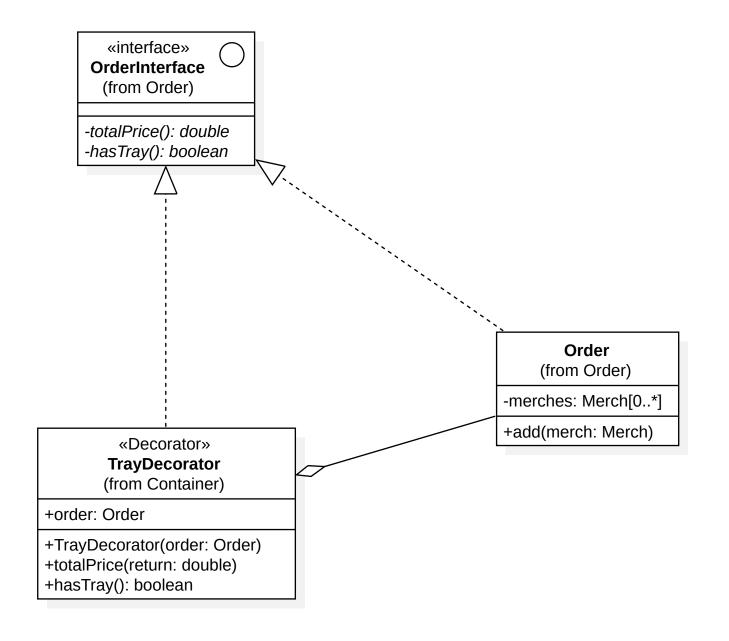
+isStale(): boolean +isCooked(): boolean

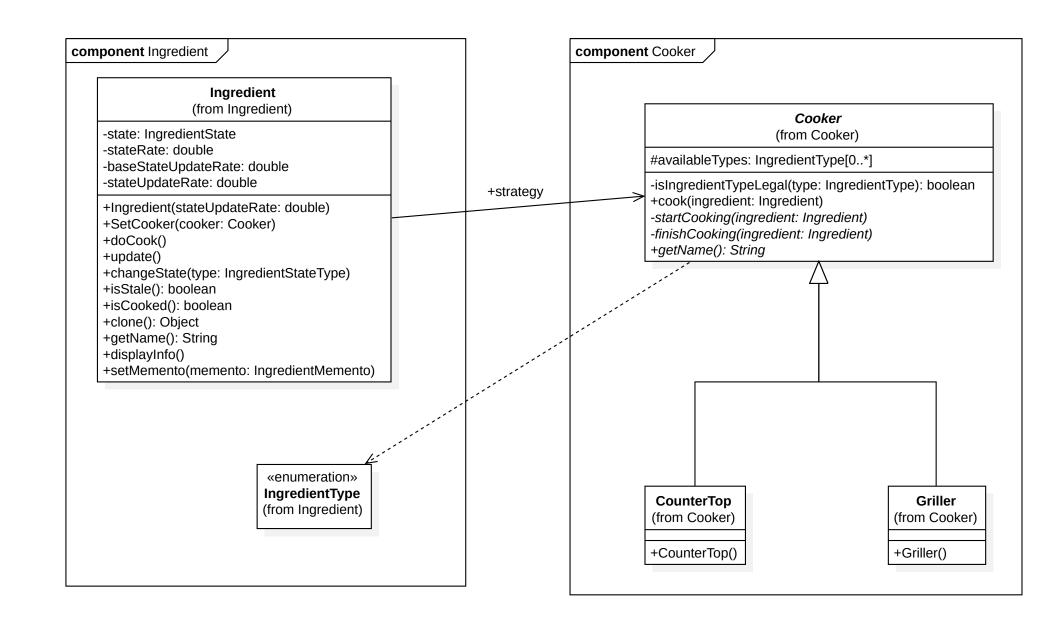
+clone(): Object +getName(): String

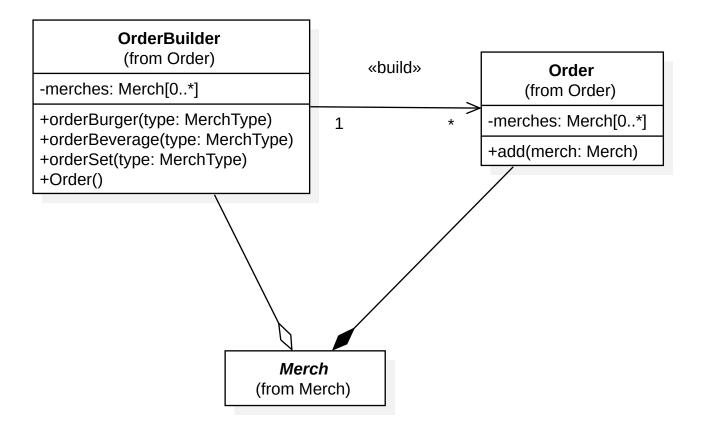
+displayInfo()

+setMemento(memento: IngredientMemento)

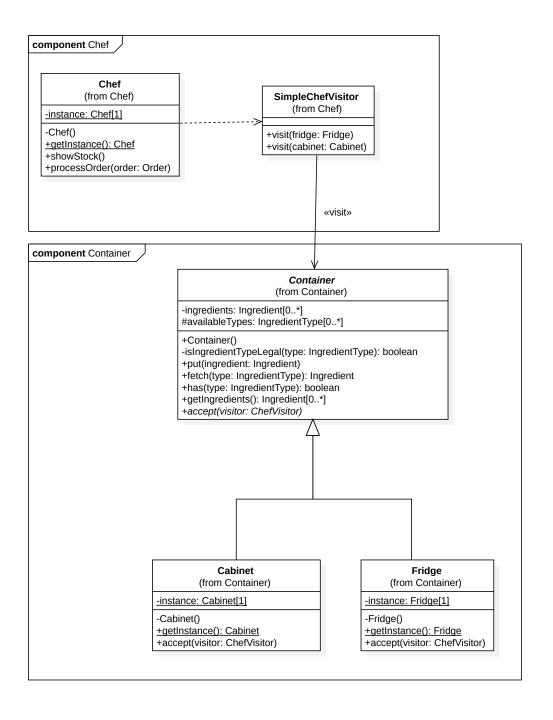
Framework::DesignPattern::Decorator

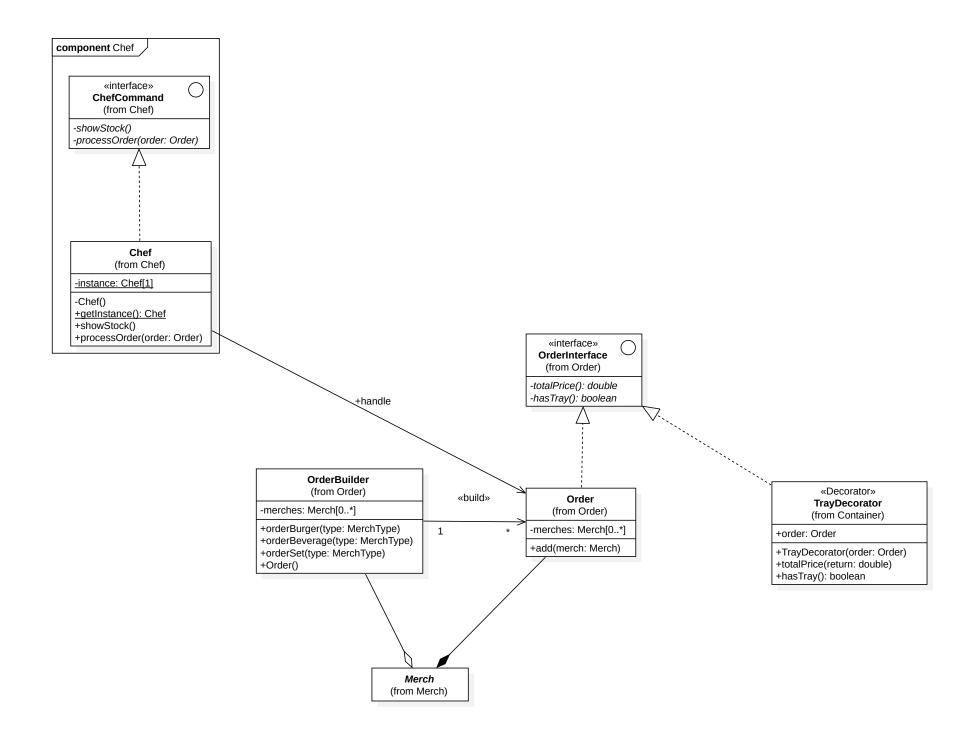






Framework::DesignPattern::Visitor





Framework::DesignPattern::Memento

«interface»
IngredientMemento
(from Ingredient)

## IngredientMementoInternal (from Ingredient)

-state: IngredientState-stateRate: double

+getState(): IngredientState

+setState(state: IngredientState)

+getStateRate(): double

+setStateRate(stateRate: double)

## Ingredient

(from Ingredient)

-state: IngredientState-stateRate: double

 $-base State Update Rate: \ double \\$ 

-stateUpdateRate: double

+Ingredient(stateUpdateRate: double)

+SetCooker(cooker: Cooker)

+doCook()

+update()

+changeState(type: IngredientStateType)

+isStale(): boolean +isCooked(): boolean

+clone(): Object +getName(): String

+displayInfo()

+setMemento(memento: IngredientMemento)

