AlchemicIngredient

+ name:	String
+ specialName:	String
? mixture:	Boolean
+ type:	IngredientType
+ state:	Enum(State)
+ quantity:	int
+ temperature:	ArrayList<Integer>

+ getSimpleName():	String
+ getFullName():	String
+ getSpecialName():	String
+ getType():	IngredientType
+ getStandardState():	Enum(State)
+ getStandardTemperature():	ArrayList<Integer>
+ getState():	Enum(State)
+ getQuantity():	Int
+ heat(int):	/
+ cool(int):	/
+ getTemperature():	ArrayList<Integer>
+ alchemicIngredient(name, ingredientType, quantity)	

IngredientType

+ name:	String
+ standardState:	Enum(State)
+ standardTemperature:	ArrayList<Integer>

+ getSimpleName():	String
+ getStandardState():	Enum(State)
+ getStandardTemperature():	ArrayList<Integer>
+ ingredientType(name, standardTemperature)	
+ ingredientType()	

«enumerations» State

+ Powder
+ Liquid

IngredientContainer

+ capacity	
+ ingredient	AlchemicIngredient

+ getCapacity

Extends — *Extends*

LiquidIngredientContainer

+ capacity:	Enum(LiquidCapacity)
+ ingredient :	AlchemicIngredient

+ getCapacity():	Enum(LiquidCapacity)

LiquidIngredientContainer

+ capacity:	Enum(LiquidCapacity)
+ ingredient :	AlchemicIngredient

+ getCapacity():	Enum(LiquidCapacity)
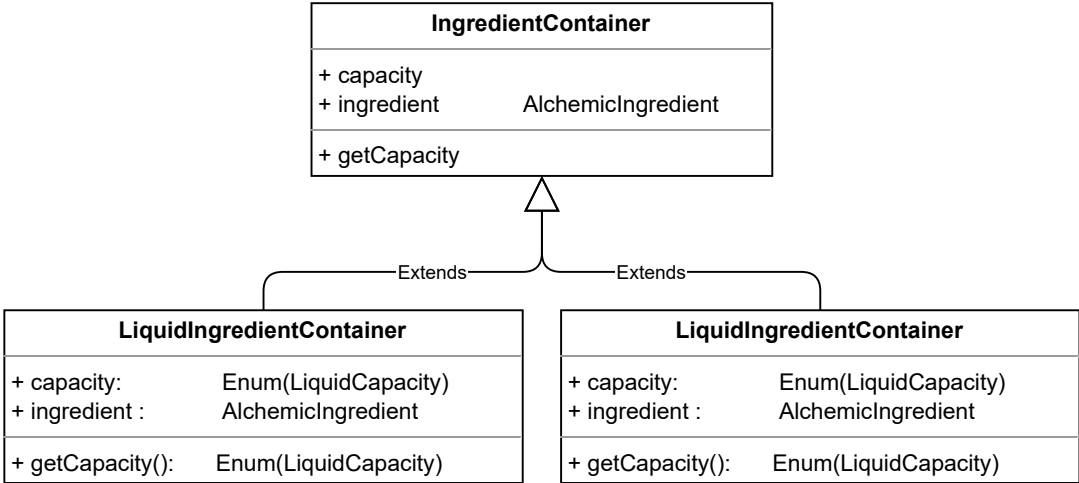
«enumerations» LiquidCapacity

+ drop	
+ spoon	(8 drops)
+ vial	(5 spoons)
+ bottle	(3 vials)
+ jug	(7 bottles)
+ barrel	(12 jugs)
+ storeroom	(5 barrels)

«enumerations» PowderCapacity

+ pinch	
+ spoon	(6 pinches)
+ sachet	(7 spoons)
+ box	(6 sachets)
+ sack	(3 boxes)
+ chest	(10 sacks)
+ storeroom	(5 chests)

AlchemicDevices

AlchemicDevices
+ ingredients   ArrayList<AlchemicIngredient>
+ put(IngredientContainer)   /   + get()   IngredientContainer   + run()   /

Extends — Extends — Extends — Extends

CoolingBox
overwrite   + put(IngredientContainer)   /   + get()   IngredientCont.   + run()   /

Oven
overwrite   + put(IngredientContainer)   /   + get()   IngredientCont.   + run()   /

Kettle
overwrite   + put(IngredientContainer) /   + get() IngredientCont.   + run() /

Transmogrifier
overwrite   + put(IngredientContainer)   /   + get()   IngredientCont.   + run()   /

Laboratory
+ capacity   int   + ingredients   ArrayList<AlchemicIngredient>   + devices   ArrayList<Devices>
+ put(IngredientContainer)   /   + getIngredient(name)   IngredientContainer   + getOverviewIngredients():   String?   + execute(Recipe, int):   /

RecipeBook
+ recipes: ArrayList<Recipe>
+ put(Recipe)   /   + pull(Recipe)   /   + get(Recipe)   Recipe

Recipe
+ edits: ArrayList<Enum(Edits)>   + ingredients: ArrayList<AlchemicIngredient>
+ getRecipe()   edits, ingredients

«enumerations»   Edits
+ add   + heat   + cool   + mix