alchemy

AlchemicIngredient

-type: IngredientType
-quantity: QuantityClass?
-temperature: TemperatureClass?

getSimpleName()
getFullName()

AlchemicIngredient(quantity, type)
AlchemicIngredient(quantity)

IngredientType

-simpleName
-specialName
-fullName
specialCharacters
-state
-standardTemperature

IngredientType(fullName,state,
standardTemperature)

IngredientContainer

-capacity: QuantityClass?
-quantity: QuantityClass?

laboratory

Device (abstract)

loadIngredient(IngredientContainer
emptyDevice()
process()

CoolingBox

-Temperature
-ingredient: AlchemicIngredient

Cool

Oven

-temperature
-ingredient: AlchemicIngredient

setOvenTemperature()

Kettle

-ingredients: <List>AlchemicIngredient

mix()

Transmogrifier

-ingredients: <List>AlchemicIngredient

changeState()

Laboratory

-numberOfStorerooms
-storage

store(IngredientContainer)
request(Name,quantity)
inventory()