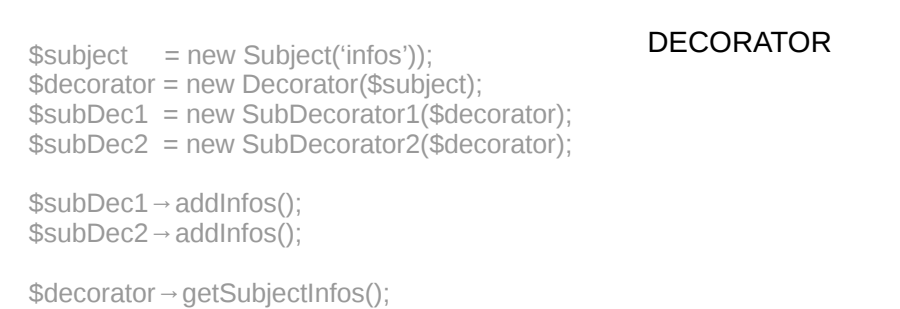
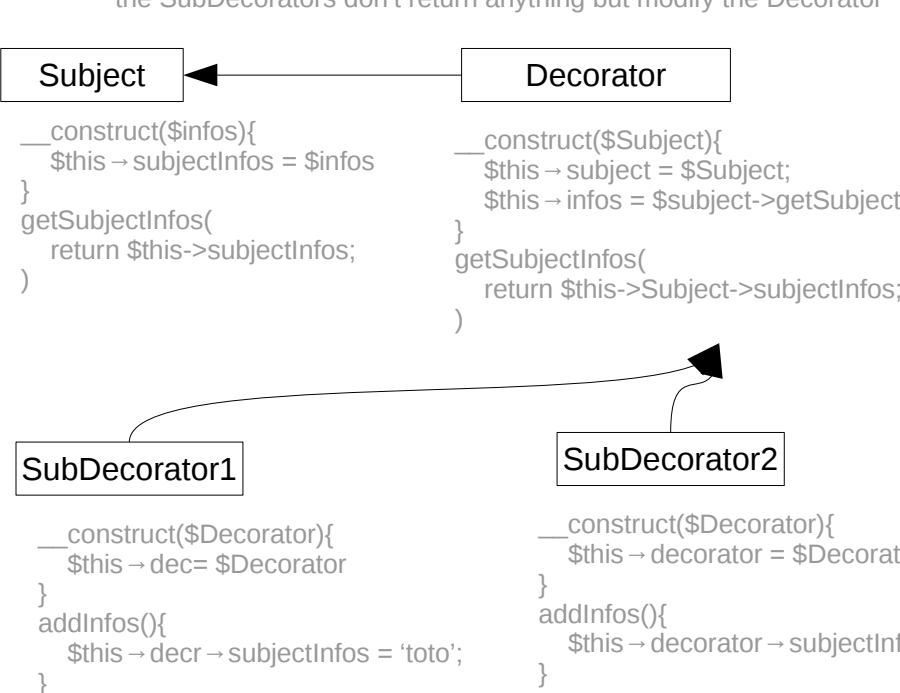
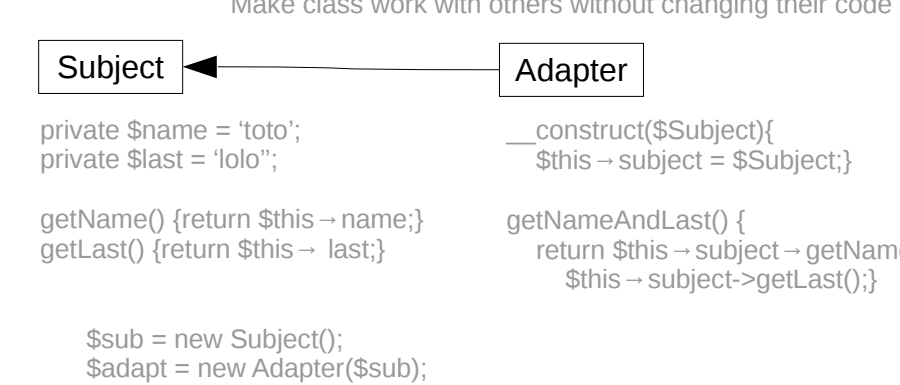


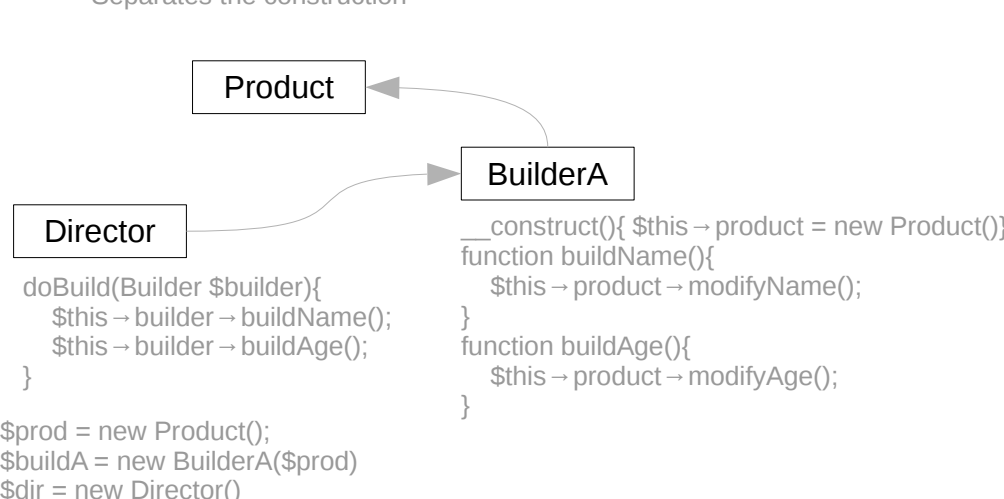
subject is left untouched
the Decorator holds all the infos and gets modified
the SubDecorators don't return anything but modify the Decorator



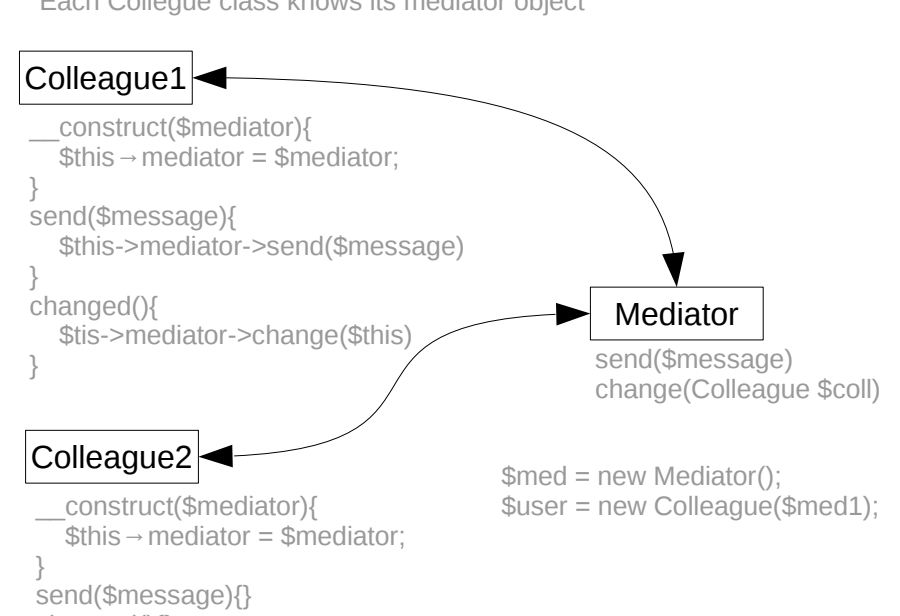
ADAPTER
creates a class from another one with
the exact method you need.
Make class work with others without changing their code



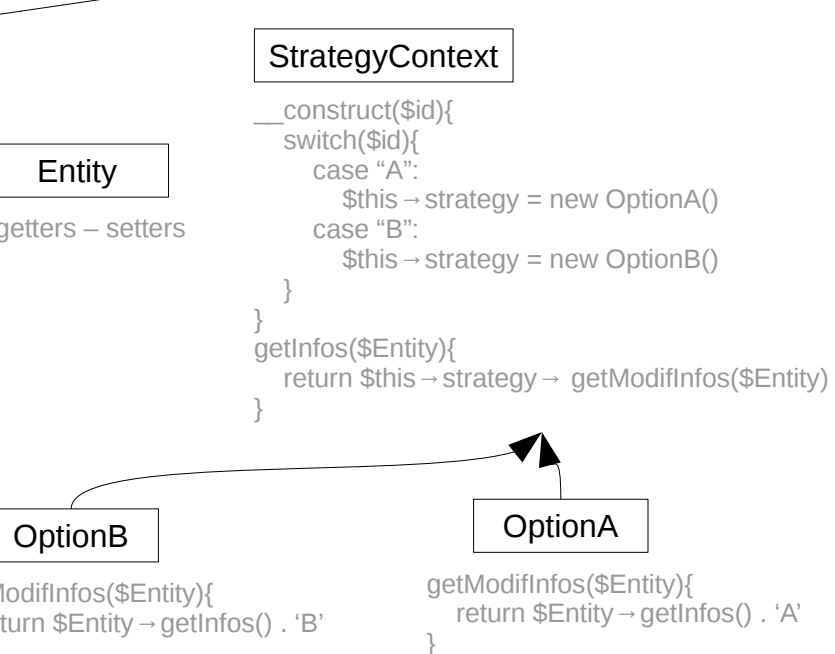
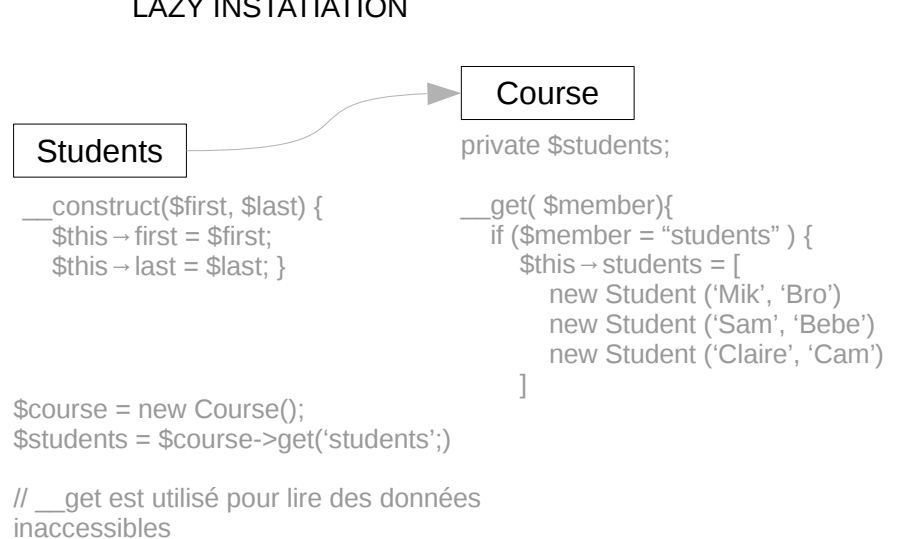
BUILDER
Uses FACTORY METHOD behind the scene
Separates the construction



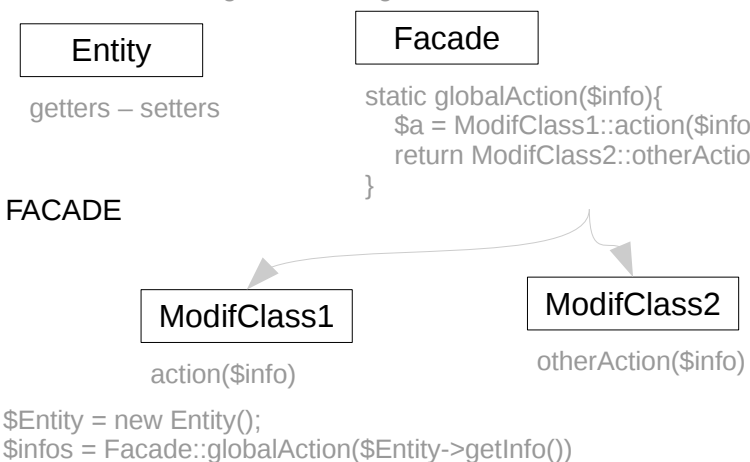
MEDIATOR
A Mediator is responsible for controlling and coordinating the
interactions of a group of objects.
The Mediator serves as an intermediary that keeps objects
from referring to each other explicitly
Colleagues should not know the next Colleague
Each Colleague class knows its mediator object



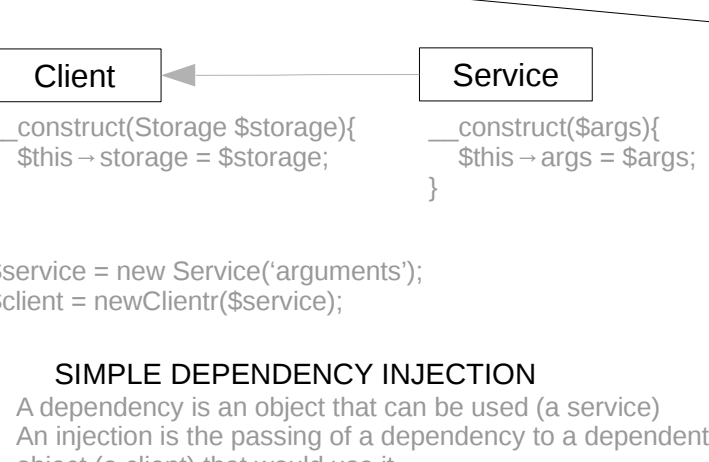
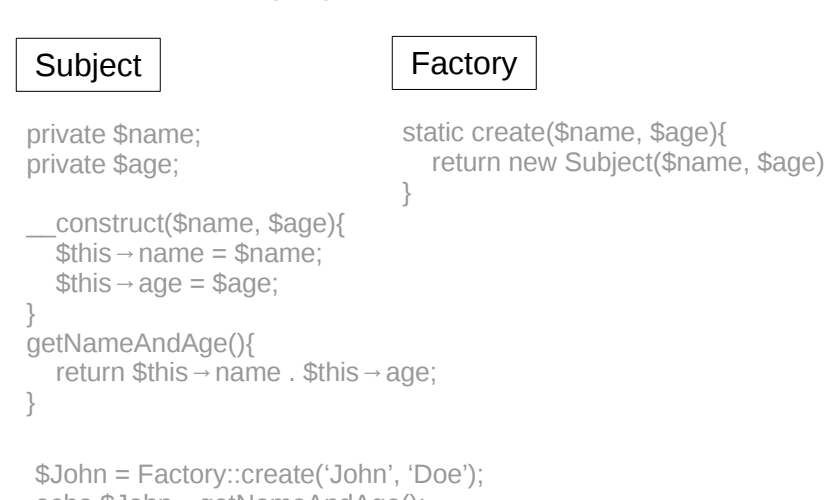
LAZY INSTANTIATION



the complex subsystem will know
nothing of the calling class



FACTORY METHOD
a class creates the object you want to use



DEPENDENCY INJECTION + LAZY INSTANTIATION = service container
service container → 2 variables référencent meme instance du service
BUILDER
ABSTRACT FACTORY
COMPOSITE
MEDIATOR
TEMPLATE METHOD
Making every filter referencing the next one would build a Chain of Responsibility

TEMPLATE METHOD
Surcharge Principle

