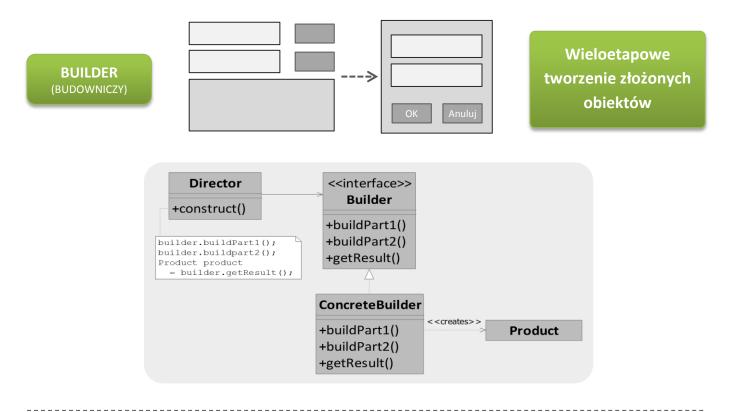
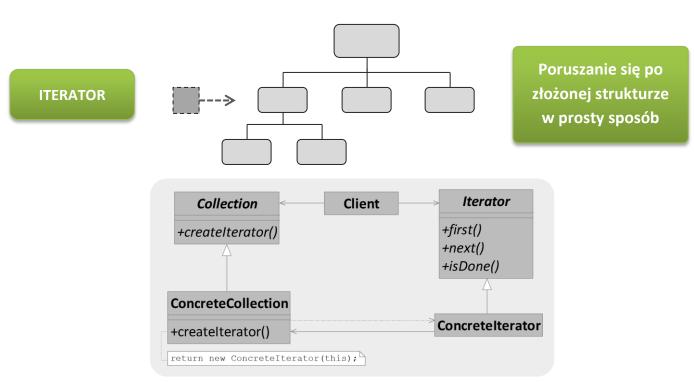
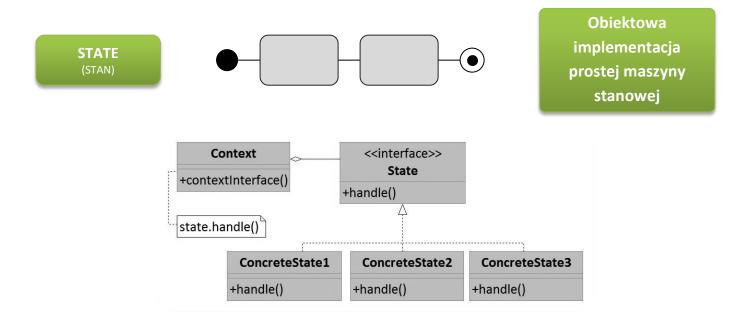
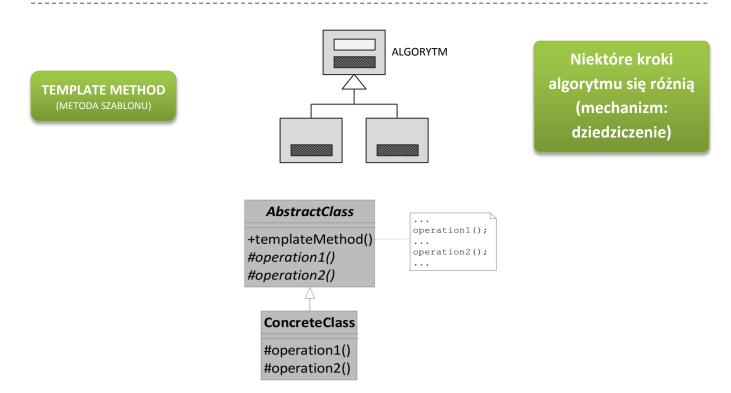


WZORCE PROJEKTOWE (CHEAT SHEET)



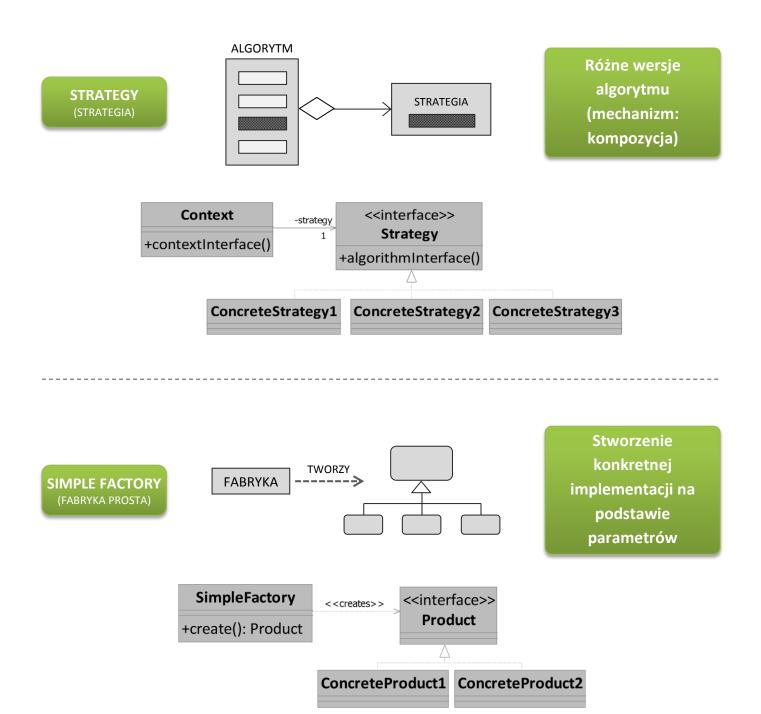


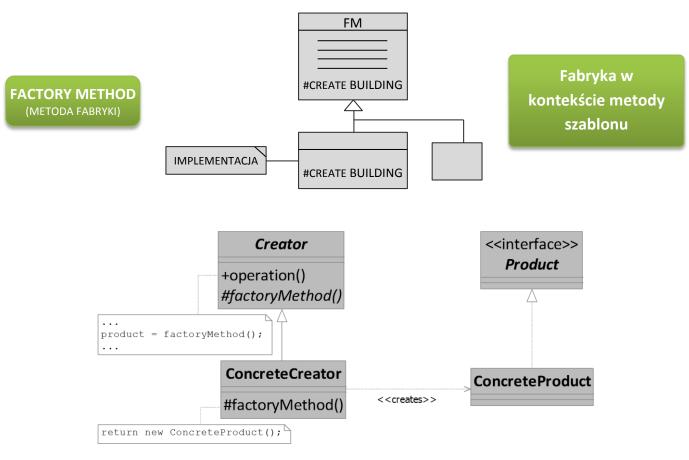


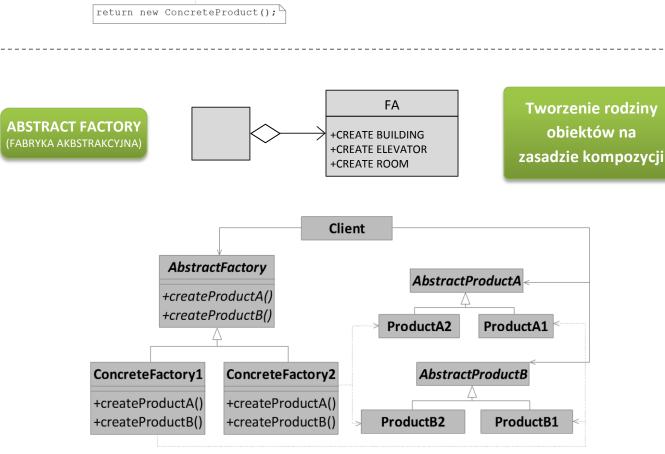


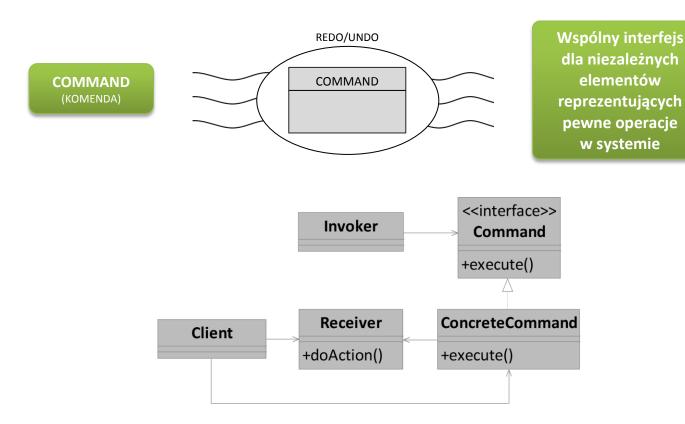
FLUENT INTERFACE Person.new()
.age(15).address
("Piotrkowska")

Uproszczenie konstrukcji służących do pracy z obiektami dziedzinowymi







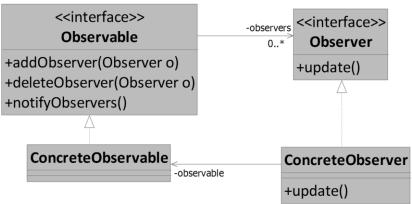


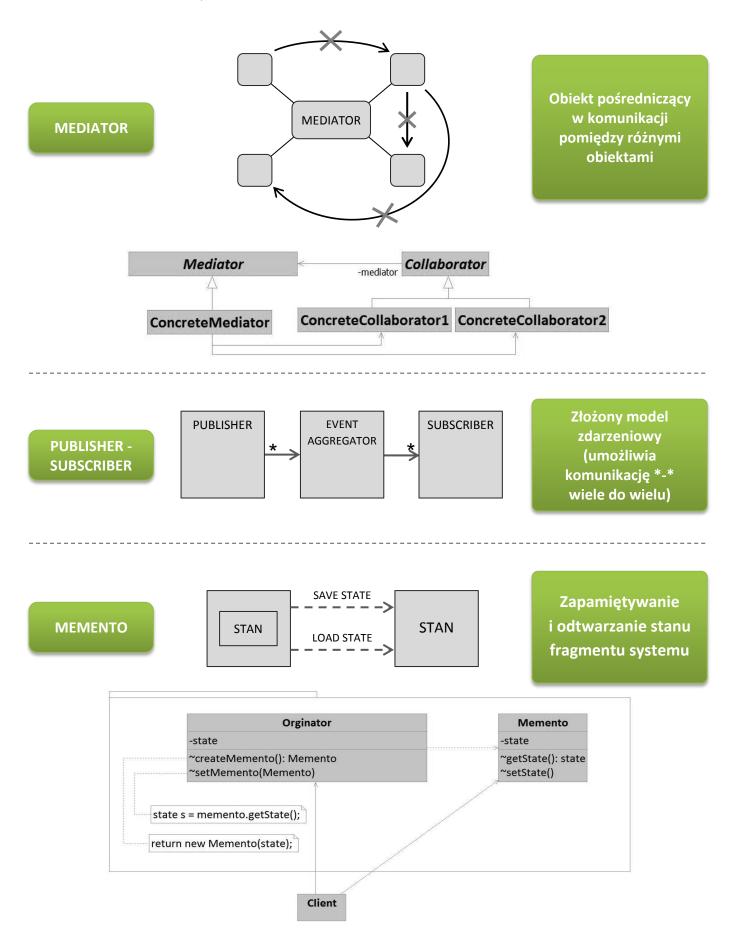
OBSERVER (OBSERWATOR)

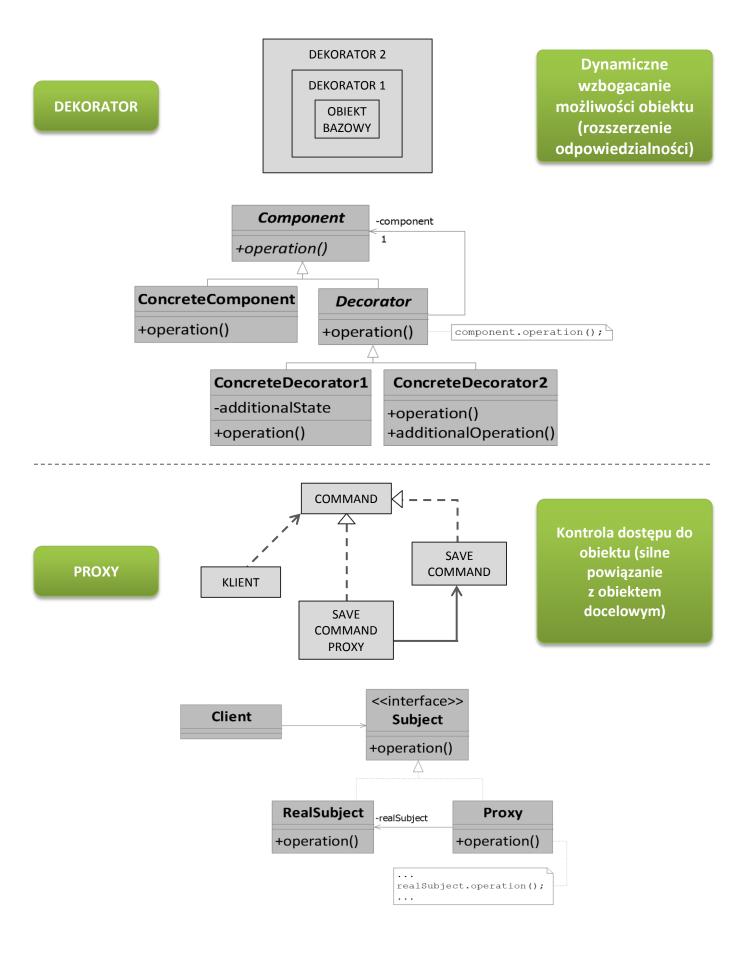
OBSERWOWANY

* OBSERWATOR

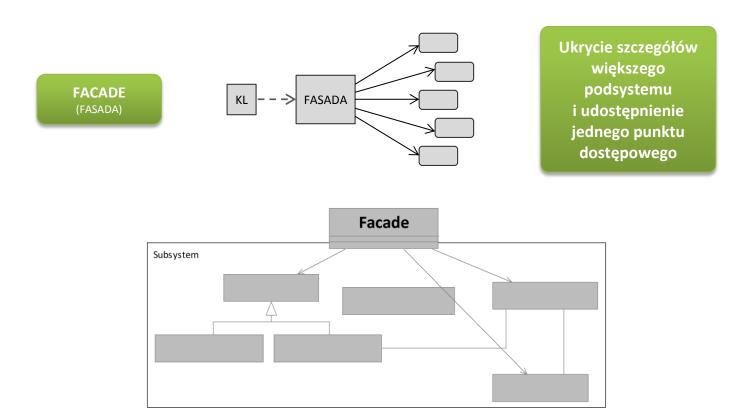
Podstawowy model komunikacji asynchronicznej

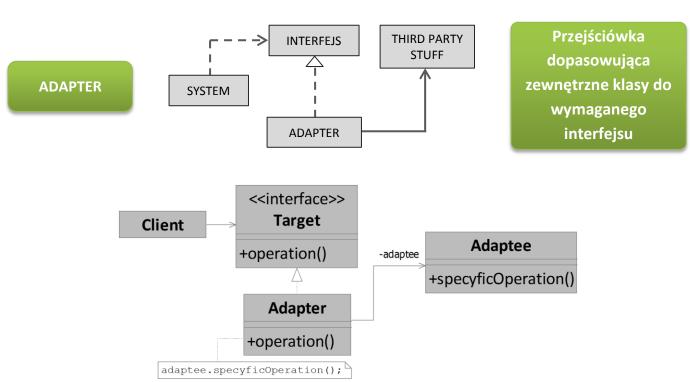














SINGLETON

TYLKO JEDEN

1

Umożliwia tworzenie tylko jednego obiektu klasy

Singleton

-instance: Singleton

-attribute1-attribute2

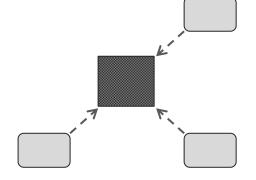
+operation()

+getInstance(): Singleton

return instance;

._____

DEPENDENCY INJECTION INVERSION OF CONTROL



Wydobycie zależności na zewnątrz (getter/setter, konstruktor) i dostarczanie ich z zewnątrz (poprzez rozbudowaną fabrykę)