frame

Design Pattern - Factory Method

Intent

Define an interface for creating an object, but let subclasses decide which class to instantiate. Factory Method lets a class defer instantiation to subclasses.

Product p = CreateProduct()
p.DoStuff()

Creator
...
SomeOperation() CreateProduct(): Product

<<Interface>> **Product**
DoStuff()

ConcreteCreatorA
...
CreateProduct(): Product

ConcreteCreatorB
...
CreateProduct(): Product

ConcreteProductA

ConcreteProductB

return new ConcreteProductA()