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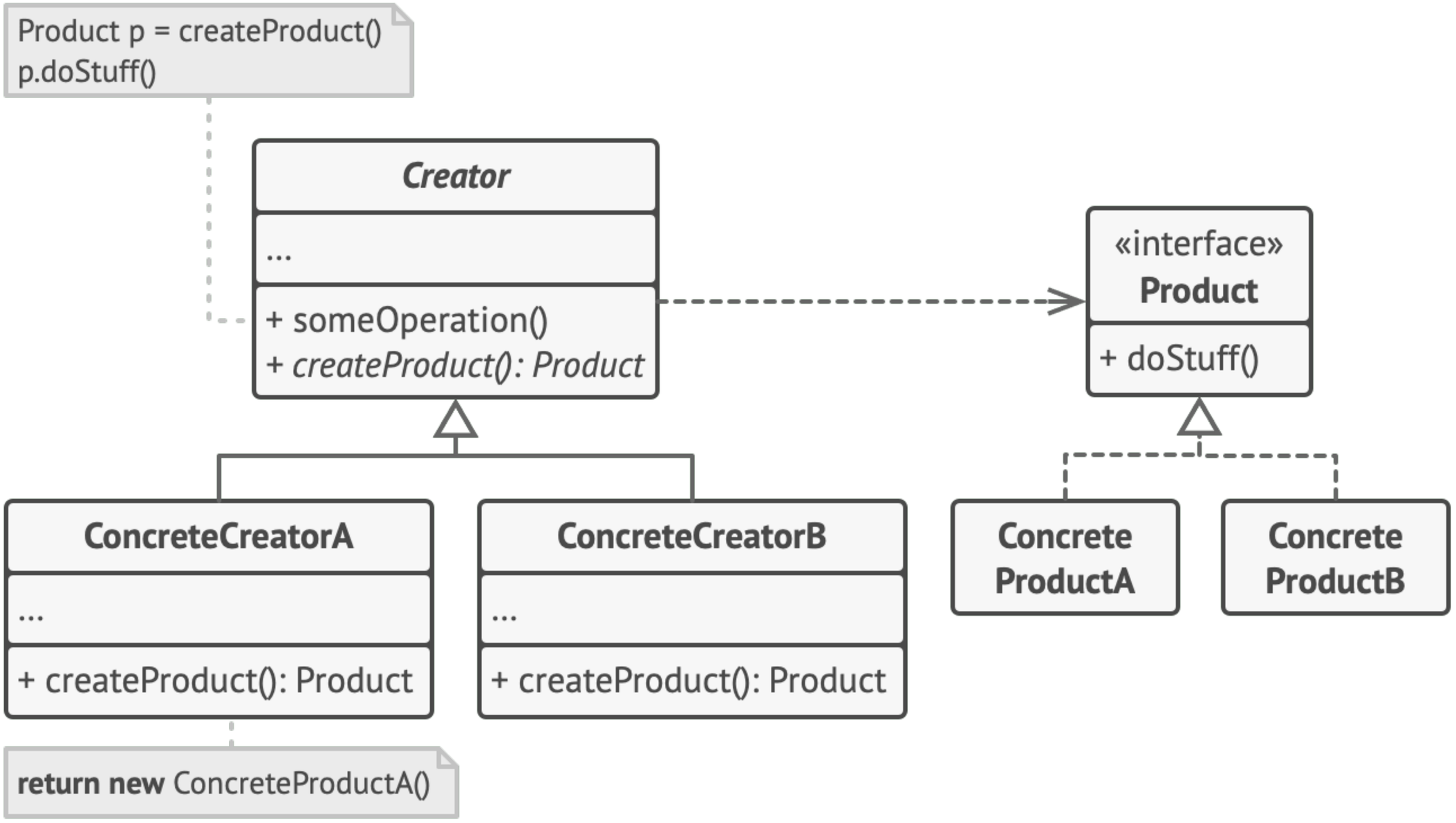
https://refactoring.guru/design-patterns/factory-method


Product p = createProduct()
p.doStuff()
Creator
...
+ someOperation()
+ createProduct(): Product
«interface»
Product
+ doStuff()
ConcreteCreatorA
...
+ createProduct(): Product
ConcreteCreatorB
...
+ createProduct(): Product
Concrete ProductA
Concrete ProductB
return new ConcreteProductA()

# Structure

instances or return existing objects from

- Override the base factory method to

- **Concrete Creators**

various sources like caches or object

return a different type of product.

pools.

- The factory method can create new