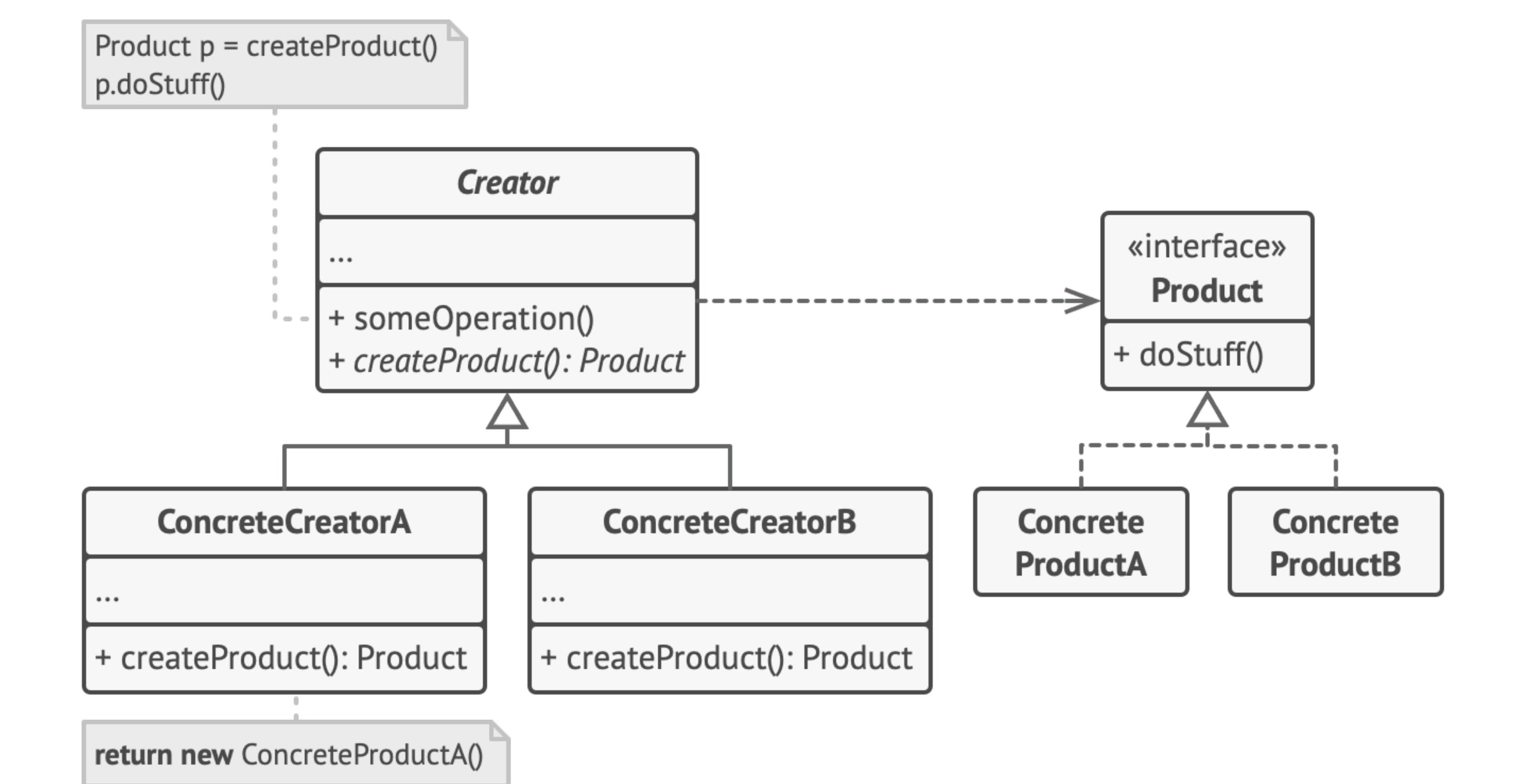


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### https://refactoring.guru/design-patterns/factory-method



# Structure

# creating product objects, which can be abstract or

# product creation logic from concrete product

Factory Method Implementation: Can be declared

# business logic related to products, **not just**

The Creator class defines a factory method for

### product creation.

### helps decouple product creation from the creator's

Factory Method Responsibility: Decouples

# own versions or return a default product type.

#### classes.

# as abstract to force subclasses to implement their

### core business logic.

### return a default product type. The factory method

Creator Class Role: Primarily responsible for core



interface.

### **Concrete Products**

different implementations of the product

