

Factory Method

Week 5

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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.

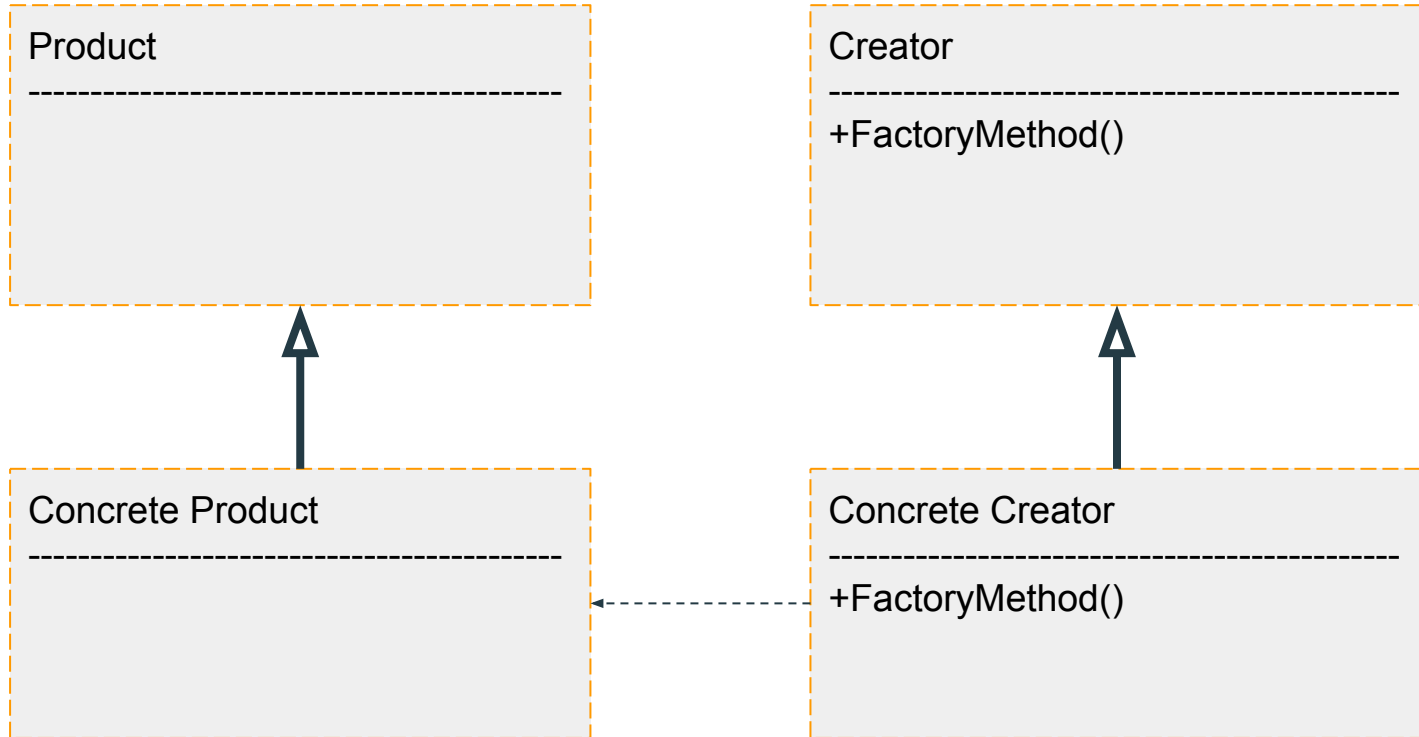
Situation

Imagine you're submitting a service request, as you would with the [City of Chicago](#).

Because there are many types of service requests, and the types are likely to change over time, we want to create something that, without changing the API, can continue creating new types of service requests.

This is where we can use a Factory Method, and still allow expansion of service request types.

Structure



Implementation

